0 11229 24018

ECKERDS
198

WriteRight

3 SUBJECT NOTEBOOK

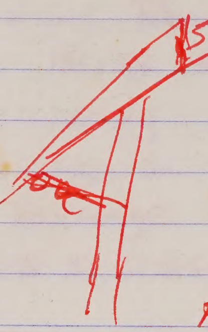
120 SHEETS

10½ IN x 8 IN
(26.7cm x 20.3cm)
NO. 524018

UNION CAMP CORPORATION • CHAMBLEE, GA 30341 • FRANKLIN, OHIO 45005

ATT hurr...
Rights overseas
TC done by Comsat
JJ Teletype dupler + CATV
→ ATT treat Margie
errors

$100K advance payments
by Frumkoffe –
$5 4/100 Security –
60% of money
60% not



$200K per transponder
ATT has –
Fully Protected – new Premapons

4 spares – Digital Radio / ATT
3 WOLO
2 Nes
7 NBC + Gourne
1 ABC
1 CBS $10/K
1 Turner move all but
2 Carozzi Nes TO D4 –
1 KUSK – '85 early – Telstar –
1 S.N D1/D2 –
1 Select ✓

Comsat – Grnl –
ATT / Leased Bird
TO end of '84 –
Comsat – NO
place TO put it –
move TO – ATT
owns spares

11 on D1/D2 – back up – New Tariff –
pre-emptible –
8 – ABC Hungry/desperate –
all 1 Sat / all 1 Block –
move all ... TO D4 / –

#1) Financial Reports out by Wed AM
#2) Full Booth & Registration Financial Accounting
#3) BD agenda by Wed AM - Tom needs to arrange
#4) Vote & Disc. items

A) Revote All divisions - SMATV, etc.
B) Freeze on All Expenditures for New divisions for ___ days.
C) Top Limit in $$ out of Genrl Fund to be put into New Divisions
D) Restructure by Laws so Board can meet w/out presence of Counsel.
E) Propose International Division
F) Pay all Approved Show Exp's - at show -

#5) Symbolic Resignations - After Hassles & Arguments - Should there be "bulk" Resignations of Board Members "in protest"?

1) Tom H.
2) Bob C.
3) Bob B.
4) Jay H.
5) Royden F.
6)?

FINANCIAL CONTROLS

1) TAKE all BADGES TO YOUR ROOM & CODE — RETURN IN MORNING.

2) BOOTHS
   1) ANYONE SUSPICIOUS — AS TO BOOTH fee's PAID — TALK TO THEM —

3) INDEPENDENT COMMITTEE TO REVIEW — all SHOW expenses before PAID.

3) MONITOR — all Comp Rooms
   A) HOW MANY DID YOU block FOR SHOW ? TO BUREAU
   B) RESERVATIONS — NIGHT BY NIGHT BREAK down —
   C) HOW MUCH MONEY TO Speakers, DIGNATARIES — LIST, INCLUDING AIR FARE, ETC. — detailed LIST.
   D) BANQUET — IS IT SELF LIQUIDATING? — WAS THERE a GUARANTEE?

(RP) (T) - [illegible]

[illegible] [illegible] (P) - [illegible]

[illegible] [illegible] by [illegible] - Boston - [illegible]

[illegible] - [illegible]

[illegible] [illegible] [illegible] / [illegible] [illegible] - /

(B) [illegible]

[illegible] / [illegible]

/ [illegible]

[illegible] [illegible] / [illegible] (S)

[illegible] (S) [illegible] (S)

[illegible] (S)

[illegible] - [illegible] [illegible]

[illegible] [illegible] to [illegible] to get [illegible] [illegible] to [illegible] [illegible]

[illegible]

[illegible] - Very Pleasant - [illegible] /

[illegible] [illegible] - [illegible] of [illegible]

[illegible] [illegible] [illegible] -

[illegible] [illegible] - [illegible] [illegible] to [illegible] a

[illegible] - [illegible] -

(EXP) (D) = disc.

MINUTES EXPLANATION (A) - Against

ON VOTES TAKEN by MARC - BEHAR - REAFFIRMATION
MOTION - ANDY SECONDED

DISC. Taylor H. DIRECTIONS / Telephone DISC. - /

(#1) - OK

(#2) - ANDY DISC. / O.K

(#3) - / OK

#4 - BOB B / disc. / ANDY H. (D)

Rick (D) BOB MINC (D)

Tay H (D)

Exp. - Rick BRN

→

You Have Right to Scramble to get Pass but not to prevent viewing.

MOTION =

JOHN R - Very eloquent scheme /
START SMOOTH - Like problems of CONSTITUTION
For new NATION -

Russ Keene - offer MOTION to form a
Committ - Bob B. -

BOB B. Motion | Seconded by John R

9 4 2 1 — & are also authorizing any changes in by-laws to accomplish same —

P	D	S	AL
$500	$300		
$300 p/m	±		
	[illegible]		

Horton Towman — 2nd — 3fm —

1~~2~~ | 4 | 2 | 2 |

Main Motion — unanimous

THIS DISH PROTECTED BY SPACE

(1 A) - I believe standards will be set by somebody who sets out to build 10m units/

- CW - I cannot believe we cannot agree on at least measurement techniques - or how we measure -

(AH) But we will argue & fight long & hard to agree on numbers -

TH - I think the mfg's who have this problem know they all have it -

4-1-1-1

Bd of Governors

Dept/Sect

~~Dealer~~ Div

MFG Div

Pioneer MFG

Station

Consumer

Dollars gen stay within / Non specific ##

1) Motion —
To set up a committee to plan a conference to study equipment standards — Chairman only —

Dr. Satudo
Andy Hatfield
Steve Koogler
John Ramsey

John Aker
Wolford — no —

(#4) No exception to Cash admission policy — (CW)
Unanimous —

~~If 25 — to 64~~ // one seat (2nd game ~~Back to at Large Pool~~) if 65 or more ~~Join~~

1:28

BTO Financial

Financial Statements
Short & Long Term Liability

Sufficient funds — TV buttons
Situation — For 50 years

— Planning Statements —
Terry Easton
559

Town Square —
Public Works —
Fire Station —

David Barker – 4 on Sunday
at Holloway –

Ads to do
1) Bowman # 3
2) ADM
3) Terry ——
4) Intersat – Call Guy –

✓ Imposition Book
on 72 pages + Extra Color 2nd 8 pg's

Friday

Copy
1) Story
2) pg #'s to 72
3) Howard's Letter
4) Late Copy
5)

Mail
1) Telco Bill
2) Lou B ✓
3) Behar/Birkhill stuff
4)

Calls
1) WX Sat
2) Lou Berger
3) Gary H. Re ——

Pick up/drop/buy
1) Toilet Plunger
2) Hotel Reserv.
3) food? – ✓ on Loading
4) drop film
5) Pick up boat stuff
6) RTV Sealer

1 pm
[illegible]

Sept

OCT — WRITTEN by Aug 20

RCVR basics PASTE up Sept. 12-14 ?

BOWMAN interview

BARKER# 1

Nov.

CONVERSION / MULTIPLE RCVR basics WRITTEN by Sept. 12/4

1/2 TR FORMAT ReLOOK (FM RCVR TUNING) PASTE up by OCT 12th
Full & HALF

AVCOM 1/2 TR FORMAT

Dec.

DIRECTORY

20' ARM RVW

WINDOWS (NOT exact)

Aug 6-13

A) PASTE up STTI / D) Pre Paste up CSD

B) WRITE HANDBOOK

> c) WRITE 50% OCT CSD 13/16 - FLL

16-23

A) Complete CSD

B) WALLCHART

23 -29

A) SRi DECISION / RETREAT

B) NOV CSD

C) DIRECTORY Copy

30 - 05

A) SRi C) DIRECTORY Copy

B) NOV CSD

13 - 15 — PASTE up NOV.

8 - 13 —

1 - 7 — LATE Copy NOV. / HB PASTE up

7/12 - open 12-15 PASTE up

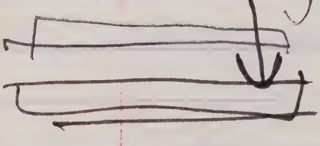
16-30 - Europe

Full Ground Limousine Service

Makes Possible for reglegain
West - [illegible] -
Mich - Illinois - Ind -

New Shipments -
Some material - Some mat
By -
70-80 Wooden bi fold
doors - widths 3, 4, 5, 6 -
+ track - Kits - Major brand
Name

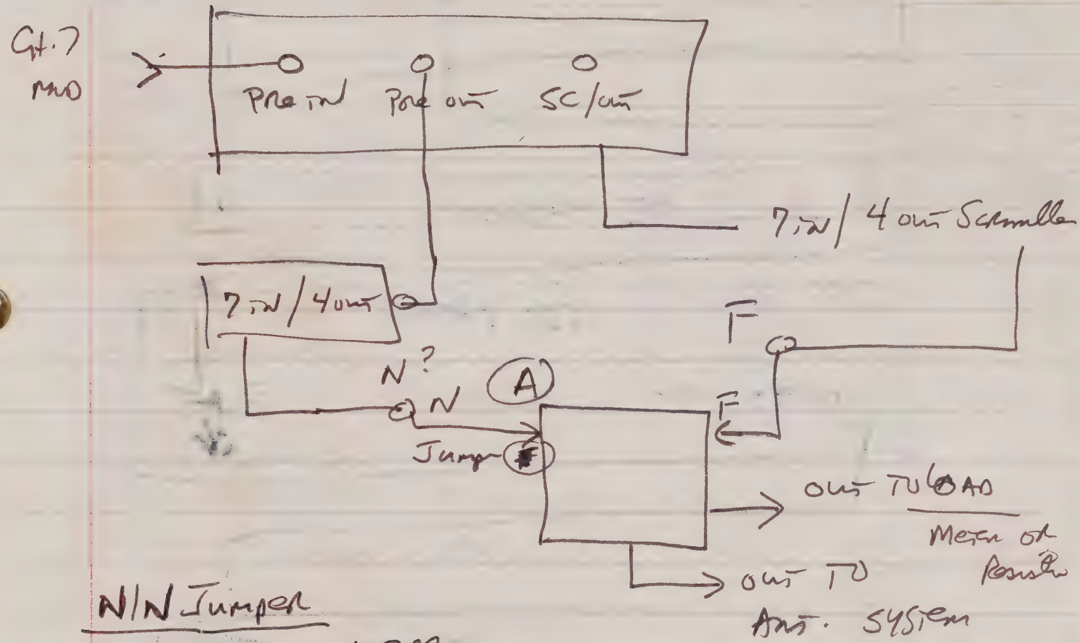
Roofing materials guttering -
PVC - pipe & fittings -
guttering white aluminum



Chris - 4321 Fosskenman

CH. 7 out V+A — Scramble in

CH. 7 out/Scramble



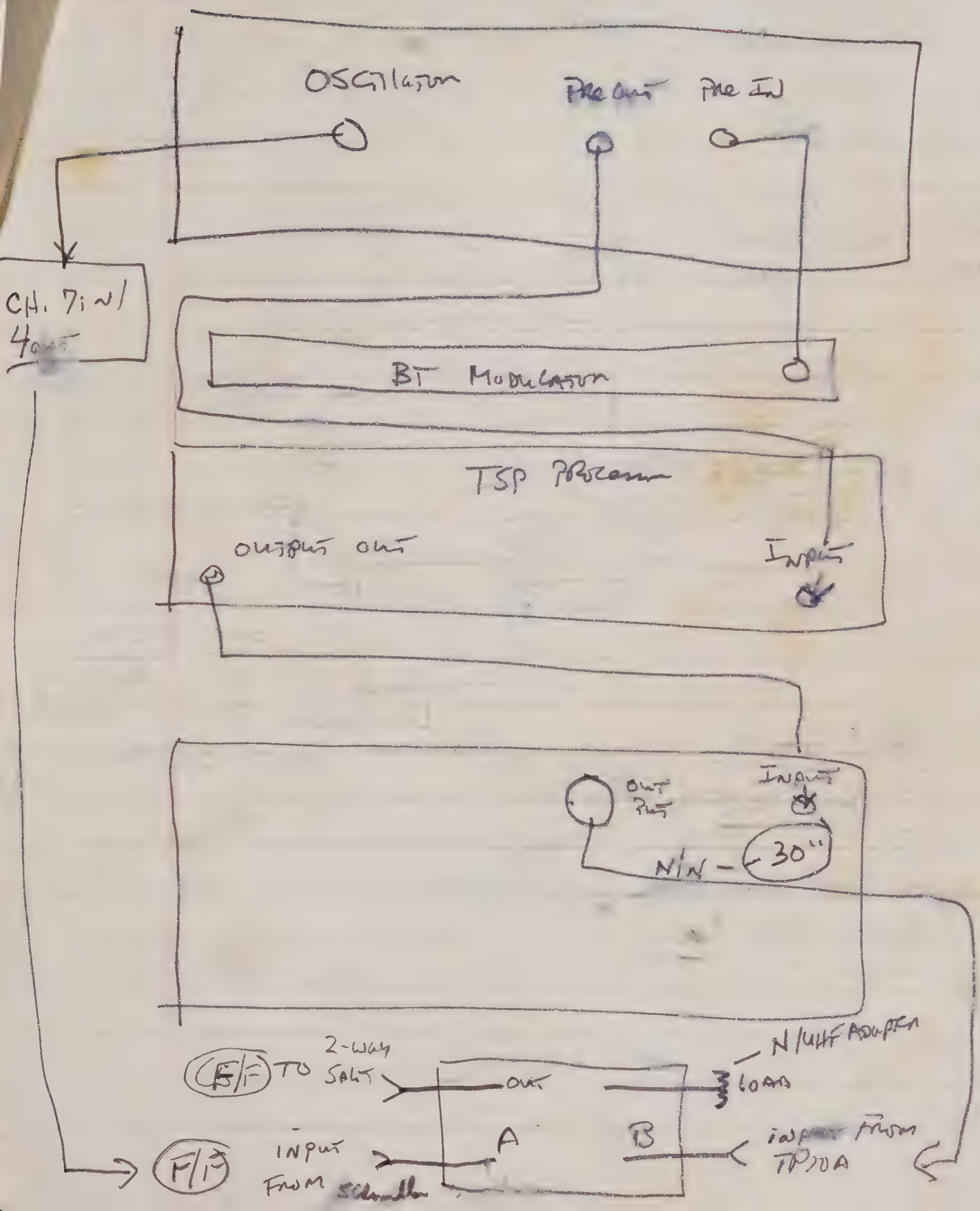
N/N Jumper

F Jumpers - Good Cable

N/UHF adaptors

RG-8 Cable - Load

TrippLite SB2000 Standby Power Supply



Cancel Comfor

under TWO Prov's -
Pon TO Ir. Sup -
Am TO prom

Cancel - SB2000 Then
Get (Cmphone)
/ order 2 TELVIs
order 2 Cm 2R's

Thomo -

1) ~~Dental~~
2) ~~[illegible]~~ Mail Naval
3) ~~[illegible]~~
4) ~~[illegible]~~
5. Monitor -

Val
1) Bank
2) ~~[illegible]~~
4) ~~[illegible]~~
3) ~~[illegible]~~
5) ~~[illegible]~~

FRIDAY

(A) ~~MAIL BAG / FORM~~

(1) ~~CH. 4 Redo~~

(2) MONITOR "

(3) Copy - letters

(4) Vendor lunount

(5) Ant B → Airfone

(6) ~~Letter TO Ian~~

(7) ~~Get Tape~~ 8) Lumber

Bank - Telco ✓

Labeling Tape

VAL

(1) Ant B LWA or DWC

(2) Lumber

(3) Finish Young

(4) 175 CK up

(5) Roof Repair - Leak

Saturday - move JFA's Ch X-4

#767 10 Plan

Val + Peter

Monday - PVC & Cable Angostush

-

Tuesday - Finish Greenhouse -

Wed - Same with PVC System - 12 watt system

Thurs - 412 Fun Ch 3 / Ant. mounts / Ch 3 Ants

Fri -

Week gone - Foundation 2nd Screenhouse -

- Truck - Prime & body under -

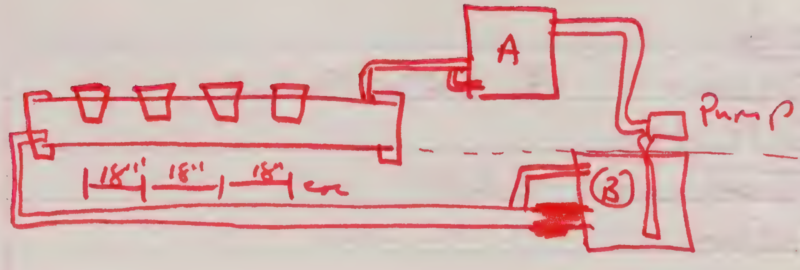
- Coop on Adm # 2 -

-

Marshall - Gone -

1. Wrestling Sets/Sort
2. Dub Promo Line to end of wrestling tape
3. Hang Ch 3 Ants -
4.

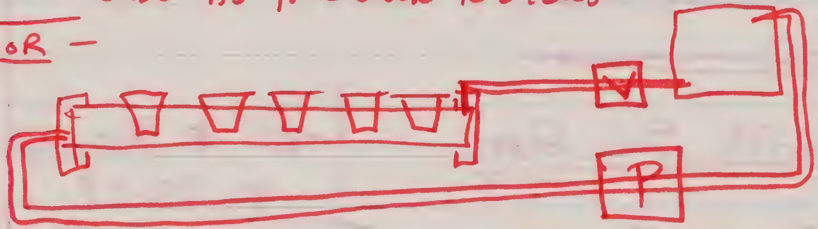
WATERING SYS



(A) - Fill on time clock start

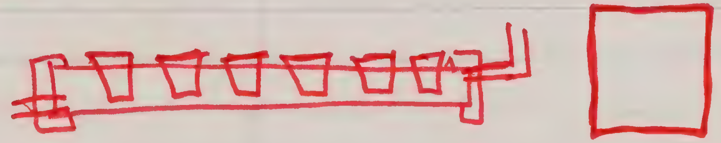
(B) - Valve open on later time clock start - to empty - close as time clock recycles -

OR -



Pump comes on time clock & valve opens - water drains than 4" & pump cycles back to top of tank -

OR



To do

(1) Letters (3) Rest of Comment

(2) TR Watch

---

(1) Mankato Article - Luber

(2) Insider " -

(3)

---

(1) FW IGU Photos/Article

(2) Ant. Test Range / "

(3)

CTR For Seat.

(1) Bank Forms

(2) Letter to Arthur C

(3)

TBC & Preamp to PTZ-7

Monitors - Rewire

Move Elec stuff to CC

STATES

(1) 12 VOLT BATTERY

(2) 750 LT 16 B.W.

(3) SEARS - pg. 704 / 28G 62633 - 1pd 903 -
$19.99 UNDER DASH FM CNTR

(4)

Movies –

Sun, Galveston to GI – 8/15 from FY

New Birds

F2R (71 West) Tess 9-10 +

TS 1 (96W or 76W –) " 9-7.5 +

92.5 – Caribbean Boston

94 Argentina

95 Ecuador

96 Bermuda

99 Paraguay

101 – USA 102 Brasil

103 – Col

104 – V3

106 – Chile

110 – USA

115 – Andean (16 cats)

119 – USA

127 – Mexico

129 – Canada

136 – Mexico

138 – Canada

148 USA

157 – USA

166 – USA

175 – USA

31 – Falklands – Guyana/Jamaica

42 – Greenland – 45 – Brasil

55 Argentina

57 Falklands

61.5 – USA

64 – Brasil

69 Mexico

70.5 Canada

71.5 – Uruguay

72.5 Canada

74 Brasil

78 – Mexico

81 – Brasil

82 Canada – 83.5 – Haiti / DR

84.5 – Trinidad / Suriname / Guyana

86 – Peru

89 – Cuba

91 – Canada

Summary - GI

DL - Why doesn't GI mfg their own TVRO equip
JS - In Canada they do
JR - The 4GC thing for GI is nothing more than a stepping stone to
Brilliant a microwave plan for 12GHz -
- at 4GC they don't expect to make any money - they
don't care if they do or not -
DL - They don't seem to have the sharpest people in
it
JS - Don't kid yourself - They make a very good
line of LNBs & they have a lot of experience to build
on -
DL - But the salespeople I have dealt with
DL - For example - who makes their ants?
JS - Andrew
DL - Well, who ever designed the mount didn't do such
a good job - it's a very poor mount.
You get on a oil well up in Wyoming & you
have to mount one of those ants where the
wind chill factor is 40 below zero - the pieces have
to go together with a sledge hammer -

DL (They are terribly dis organized - Here's a brochure describing their new Receiver -)

JR - let me see this -

DL - Doesn't your company MFG this Receiver for them

JR - Yes, we do -

DL - Can you help me understand this brochure's statements -

JR - first of all, the Receiver doesn't look like this -
How much are they charging for my Recvr

DL $425 a piece, $3million cost -

JR How do you know this was my Recvr

DL Word gets around

JR who told you

DL Can't remember I know GI wouldn't tell me -
I wanted to get one of the DC TV test - we need some multiple Recvr package -

JR They said this is dual conversion? -

DL Yes

JR it isn't!

DL But they told me it was - here - look for the brochure - there - see? - double conversion!

JR - I can't believe this - I've never see this data sheet before - they put all of those specs in here - including that it is dual conversion when in fact it is single conversion - & we haven't released our specs to them yet - they just made them

Up to print this brochure —

MARK - Are you saying they copied your design & put it in this box —? —

JR Yeh - isn't that rotten of them!

— Laughter —

DL — I'm not sure that's totally true

JR — They have to buy them from me — I'm their OEM —

DL — So it's not a dual conversion?

JR no

DL - But right here in the specs it says dual conversion — That's what the salesman told me — when I wanted to run multiple ~~[illegible]~~ room layouts — The great thing about it is you can stack them — a first for a low (price) and receiver? — without isolators —

JR — How would you like to have to work with those guys? —

DL — Well I've dealt with several dif. guys — You can tell by the answers they give to the questions how much they know —

JR — I need to qualify them — This is a [illegible] product — & until we have it totally [illegible] —

The Labs - into Pre Production -
We aren't going to tell them everything they need to know. If we tell them too much too soon, we don't have as much freedom to keep our innovating - Telling them some parameter is like freezing the design - You have to go back to them for approval to change it.

DL - But then they call me up to sell me this brand new unit & it sounds like everything I ever wanted -

DL - Doesn't have screw in it? -

JR - Yes

DL - I was afraid to ask - after the double conversion - I wondered what else they had screwed up -

JR - Many of the changes - dual conv. as me - are minor - these Leds - one row in a fixed row - this is a center tune meter - - -
These knobs were just glued on here when the other guy thought they looked good - He never asked us what it looked like - any resemblance is a coincidence -

DL – They looked at TL Vegas last week for a special private showing –

JR – It was there – well, not this one – but one this brochure generally describes – they got a second one today

– The poor guys responsible for this kind of effort are pushed into promotion by everybody above them – go, sing – do this – do that – they seem to want & expect us to turn something around for them overnight –

DL – They told me this was available from them the 27th of April –

JR – They are in a very tough spot – they expect to have a new product designed for them – & ready to ship in 6 weeks – & if you tell them we can have a new (board) artwork designed for them & on a board in 3 or 4 weeks – they interpret that to mean you will have it ready in 3 weeks – then they go back to their boss & say we'll have a complete new product in 3 weeks – they don't know what an artwork is – they think it is a fully loaded & assembled board –

DL – Their problems are not just at the top
– They have the whole nation all divided
up — a dozen offices or so — But if
you call these guys (slapping big office map)
you first get ahold of one of them:
— all U get is and answering service—
JR – Remember what I said? 12 GHz – This is
nothing but a test bed for a 12 GHz program.
DL – but it isn't working – the whole outfit is
disorganized —
JR – Look – when they really want in the mkt when
12 comes big – they'll move on this –
Right now – it's a training exercise. When 12 comes
& it gets serious – they'll pop for with top
to bottom professionals – Right now – they are
running loose & sloppy And that lets the good
drop to the bottom – only the cream stays
on top
The money being lost now – that they see
being lost – is nothing – not compared to the big
money up ahead — They can afford to
make a lot of mistakes along the way because
when they finally have it together & right —
Then the big bucks are there

DL - it will be interesting to see if that works —
what will happen to the little guys then —

JM - They expect them to fade, quit, or some
try to be gobbled up —

TH - Don't be so sure about that —

DL - as rights - will they wave those feelings like us?

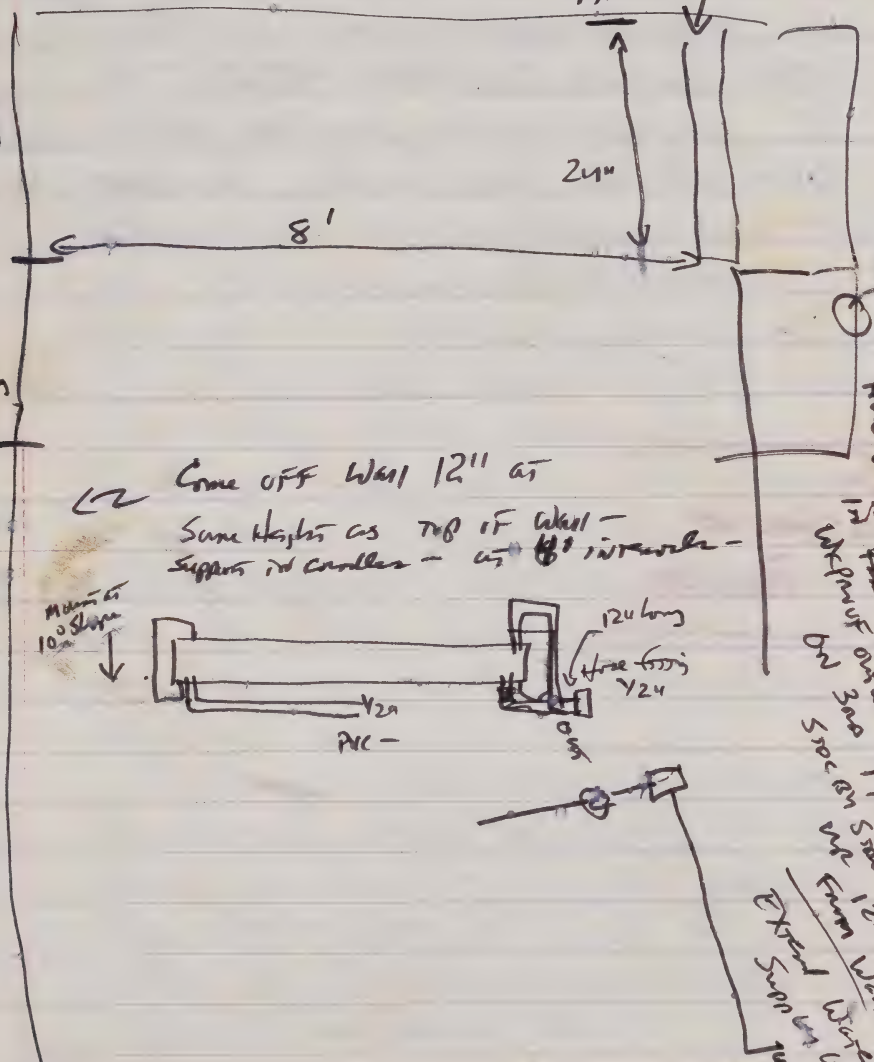
TH - whenever their marketing plan takes them —
I wouldn't count on being notified if I
were you, however —

JM - They don't know yet —

Catherine
Parker

From bottom Gone foam

Bench 35" High X



Come off Wall 12" at

Same Height as Top of Wall —

Support in cradles — at 8" intervals —

SJC Stuff To Sign

A) #1554 (2)
B) Bill Young
C) Fred White
D) Removable Gel ET Tapes
E) ~~[illegible]~~
F) ~~[illegible]~~
G) ~~[illegible]~~ B/ Rcvr
H) Perro Auto/Truck Parts
I)

Mobile - Fixed Mechanic
- Johns. Fixed/mobile
- 1 office
- 4 Hours Hold -
- 1 mechanic Upon mobil.

CK on
1. Transitions
2. Parachutes
3. Cancel Confer
4. Conform bosses to Orlando

VAL + Peter List
Marshall List
Shopping List
Photos - IQ System
Note to Head - No WK permits SJC/SW
Sketch for new Pic 7
Clean up Studio & CR
Custom Frame

A) Final Monitor Hook up
B) Move Electronics
C) Clean out Pic-7 Studio
D) Move Video Proc Amp, TBC to Pic-7

CSD OCT

1. ICP 16U SYSTEM
2. ANT. TEST RANGE #1
3. Combination ANTKS
4.

Larry - CJR Sept

1. NASDA Story (for story) ds - 6 pages
2.

Need CJR Marketing for Sept.

CSD NOV

1. CAST 83
2. ANT. TEST RANGE #2
3. INSURANCE / FINANCING
4.

CSD DEC

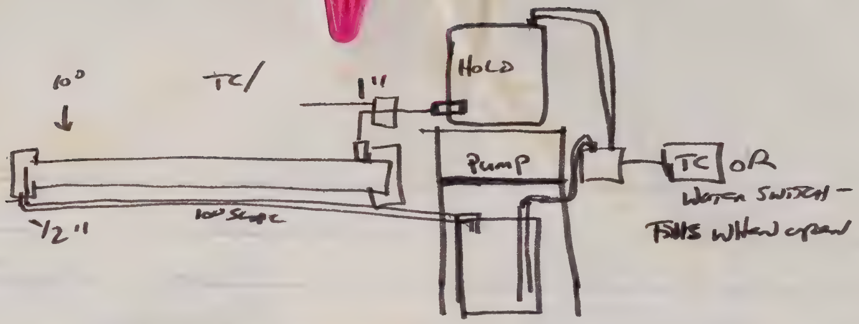
1. ORLANDO ? (OR. COVER)
2. INS. #2
3. Year in Review

CSD JAN

1. ORLANDO (ANT. C COVER)
2. Sri Lanka #1
3. Year ahead

CSD FEB

1. Sri Lanka #2
2.



10°
TC/
1"
HOLD
PUMP
TC OR
WATER SWITCH -
~1/2"

CH 7 –
3 –

MODS
1) Young
2) Butterfield } ⑥

Thurs
① ~~Bill Y. – Lester, CK (Invoice)~~
② David – CK, Lease Forms, Key, Pro Radio, Statement monthly w CK
Tow PL
③ Tom – CK,
④ ~~Wendell – Ref Car, July Tally~~
⑤ Carib West – Drop Quote
⑥ Ian – Ref 2 Way
⑦ Pat B – TV Recording
⑧ Marshall – drop Papers
⑨ Carlton – Ref CC
~~(10) Bank~~

Newsletter – Finance Plan – [illegible] [illegible] – [illegible] #/ every dealer – Before 1st –

Problem Select 10 dealers
1) How many will u sell next yr – if you had
2) If you had financing – Nothing down – Approval in 2-3 days – what would [illegible] projection
3) of total # will sell next yr – what % do you think would finance?

TOM'S RESOLUTION

2200
3
66.0

1-800-325-6122

McCloskey - Cali Herb Co.
Syntronic Inst. 312/543-67..
Lina + Sean -

750 Fast
660
1410

SAM Week
A.C. Petrillists

STATESIDE LIST

AUTO

1) 750 X/GLT (2)
2) Door bushing - Rt Hand door 73(1?) Chev.
3) Left Hand door window

EVER AUTO

KEVIN - SHOT NEEDLES

CK ON

~~1) TRANSIFIER MODS~~
~~2) ADD 3 CH. 6~~
2) Panasonic Gear - Gulf
Rohn Tower
Cadd 831P Wall mount
Audio Switcher
Gulf - Add 2nd Cam
" Sew. Switch
" 2.3 wide angle lens

TV Wall Mount
Bus Eyes Check

ELECTRONICS

① Zenith or Panasonic Remote
② Roll 2 conductor - foil shield Audio Cable -
Alliance Rotor U100
½ Amp, 1 Amp 3AG
FM Transceivers

Telco Answering

GARDEN

① 200 bags 1½ Milorganite
② 10 bags Peat
12 Volt Valves (2) / 12V Switches (2)
12 Volt Pump (2)
12 Volt Timer (2)
1/4" Hose, 1/16" Hose
outdoor light
Screw in Round Hooks

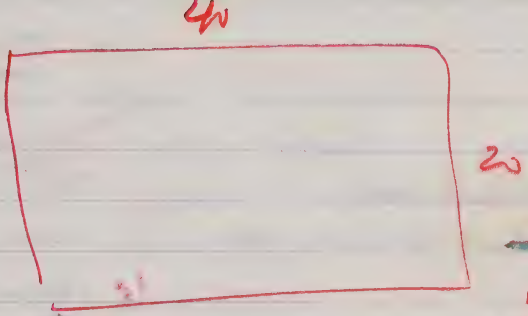
Plumbing Parts

Station

3M Carbonless
Zip Offsets
Carbon Paper
Stackable Inbaskets
Liquid Paper
[illegible] Station. Dividers
Folders
Typing Ribbons
Lift off
2 - Ad Magnets
CSD - Any.
RBC/SSC dbl. rubber stamp
F15/T8 CW bulbs

Akumz – Elvaxi

Cullam – TELVI – White – Stoters



800 50'

2.5 × 1.5 =

1.5

125

25

3.75

222.

3.5)8000

70

70

P.O. Box 89310

Lyndhurst,

Johannesburg

2106 S.A.

786-4773

Funding

1) T&C Cks

(A) $4546.76 – TH 17337

(B) VAL/Peter 5th – 300/300

(C) VAL/Peter 12th – 300/300

(D) Fm Rugs – $660 duty
$750 shipping

$10700

Stateside

(A) $4207.76 DW

Citizens – 26° EAST / 16° / 89-90° EAST –
V4 Powerful – 7.5 MHz Audio / TR 1 /
Ukraine –

Not Allowed to operate above 1GHz –
Post office Owner [illegible] // Research License //
Neighboring Communications / No Publicity / duties 100% +
80"/20' / AFRTS Noise / not dismountable / 14K = $35K
Narrow / CBS + ABC worse than AFRTS –

VAL | PETER

1. AC TOWER
2. FAUCET
3. BACK DOOR TOP LATCH
4. PVC SYSTEM
   A. upper shelf
   B. Powering system

(?) Sequential Camera Switching -
+ Add 1 Camera in office

(A) Add 2nd outlet

$6495.00

$1385.00
890
495

3247.50
216495

3247.50
- 495
2851.50

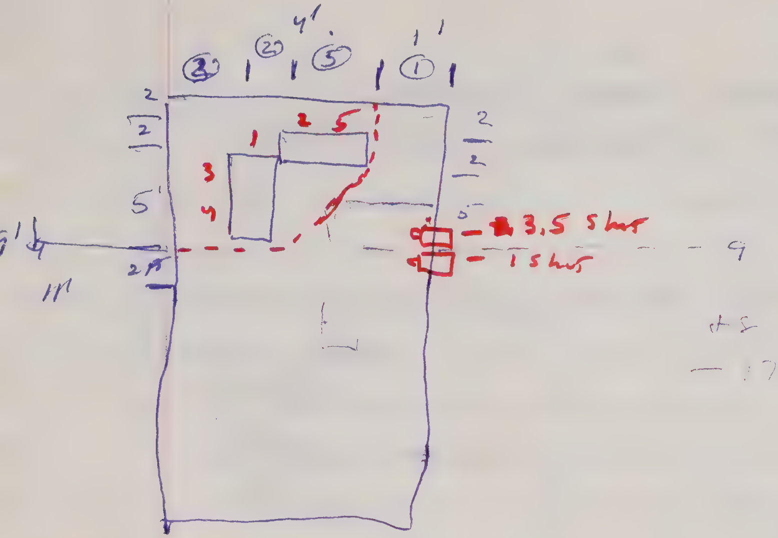
1250
300
200
550 / 2250
1.7 / 1900
2200
3740.0

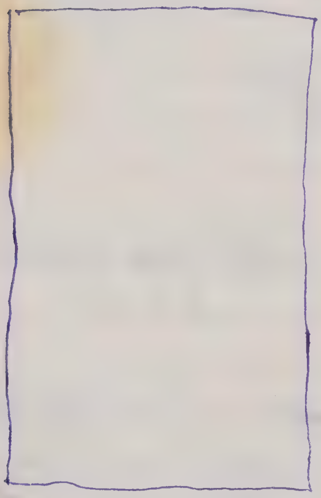
GT - 3 Cameras w/ 1 Seq Monitor Mgr
- 1 TR 1 " " Analysts

→ Rear Analysts

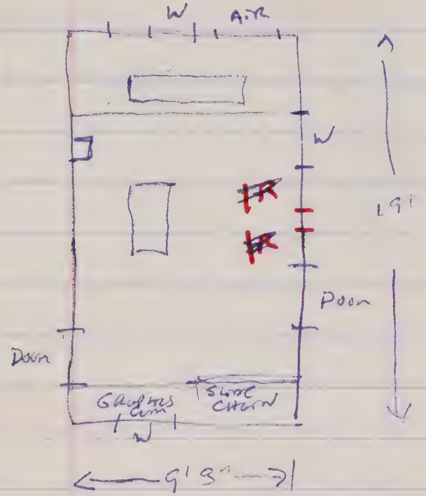
$2405 × 1.5 = $3607.50

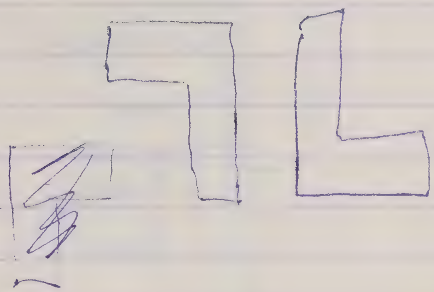
3 Cams at $280 each = $840 $865
2 mons at $300 each = 600 240 Travel -
1 Seq Switch at 350 " = 350 300 overnight - 3 × 100
3 wall mounts ~ 25 = 75 2405 =
1865 50 ch


3,5 5 hrs
1 5 hrs



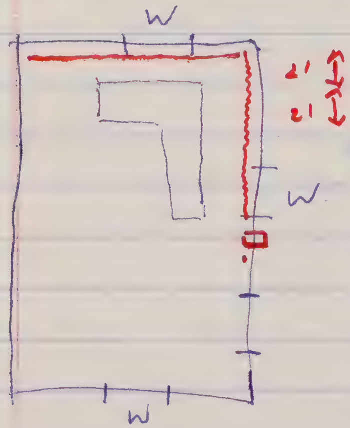
PTC 7 Studio #1

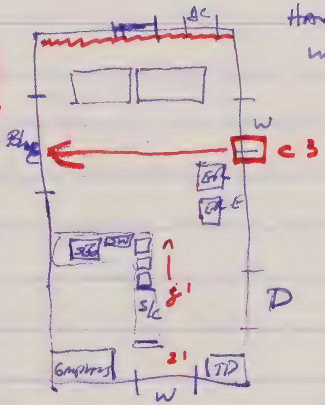


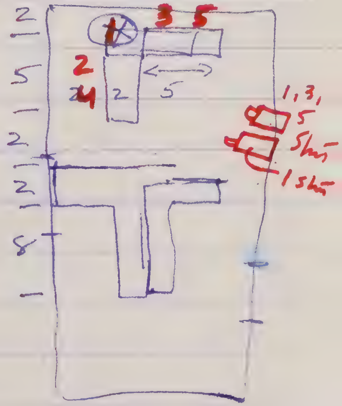


All Cams should be driven ext. sync —

Have 1 Sony, & Panasonic w/ ext. sync drive —







Calls – Duane Tubbs – Warner – 714-278-5711

Allison –

Gulf –

TelVi –

Dave Johnson –

Fs. Supp.

George Jones

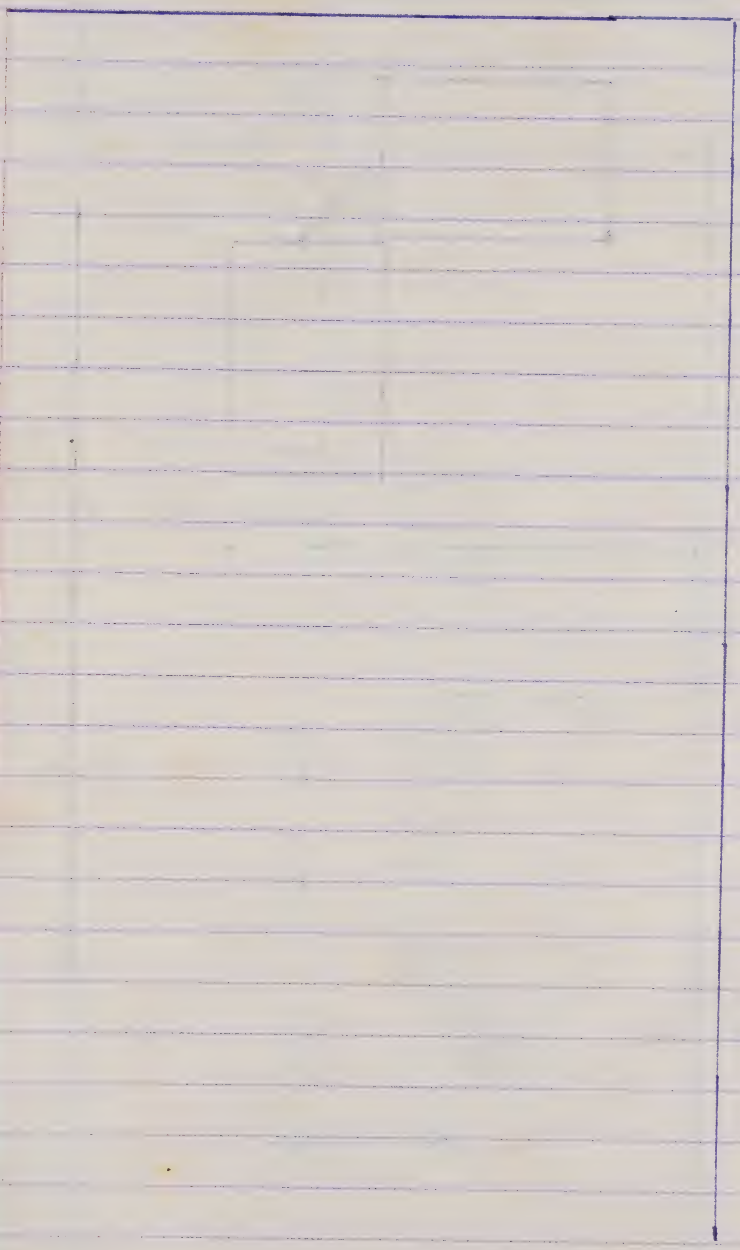
Bob Becker

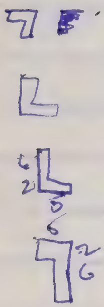
Rex Brown

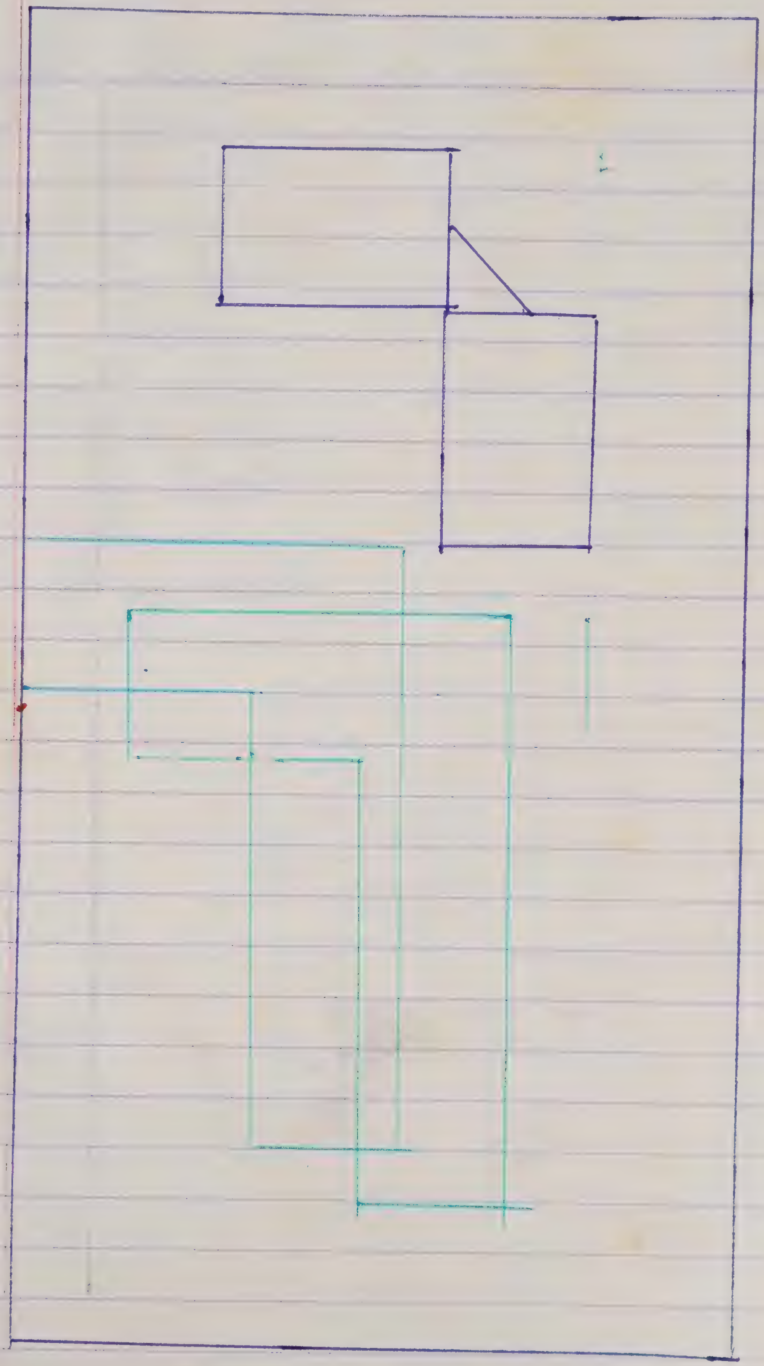
LWJ

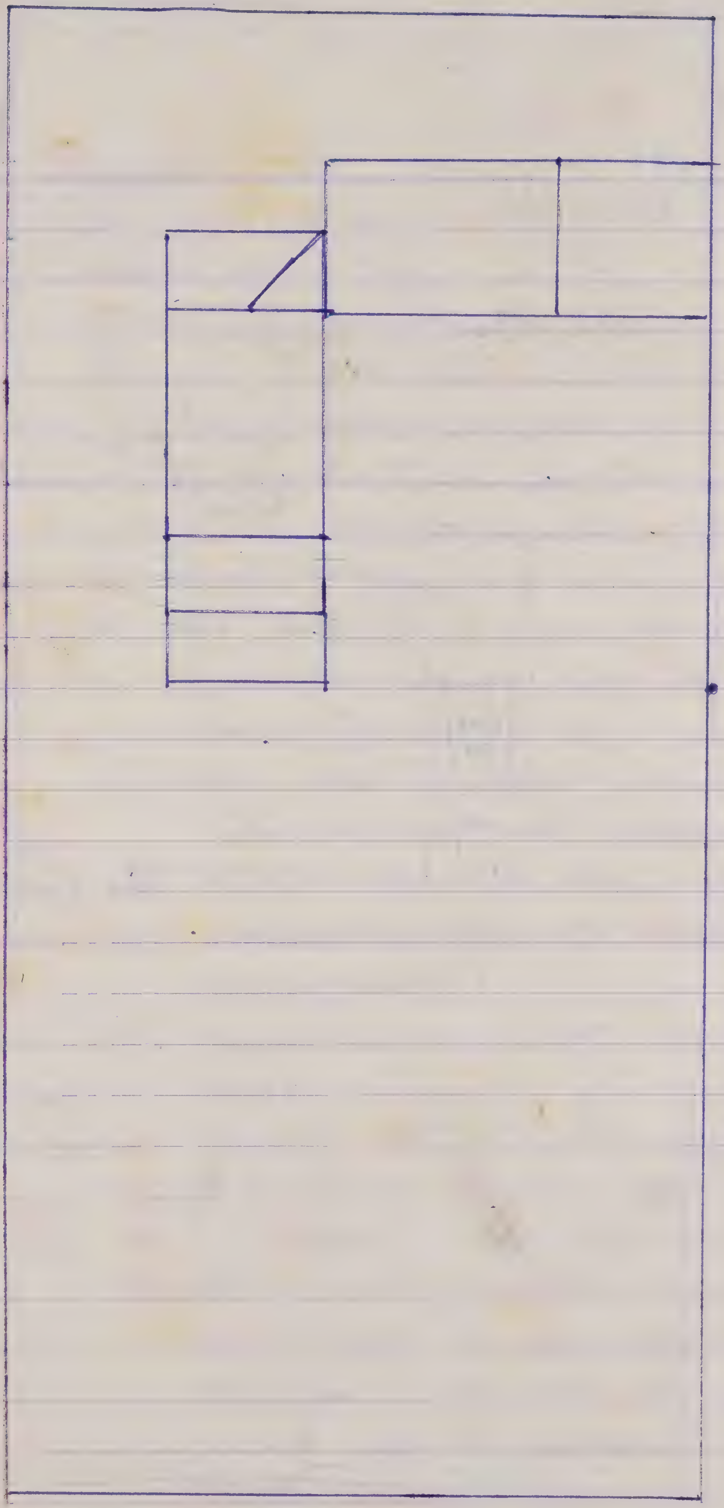
George Mitchell

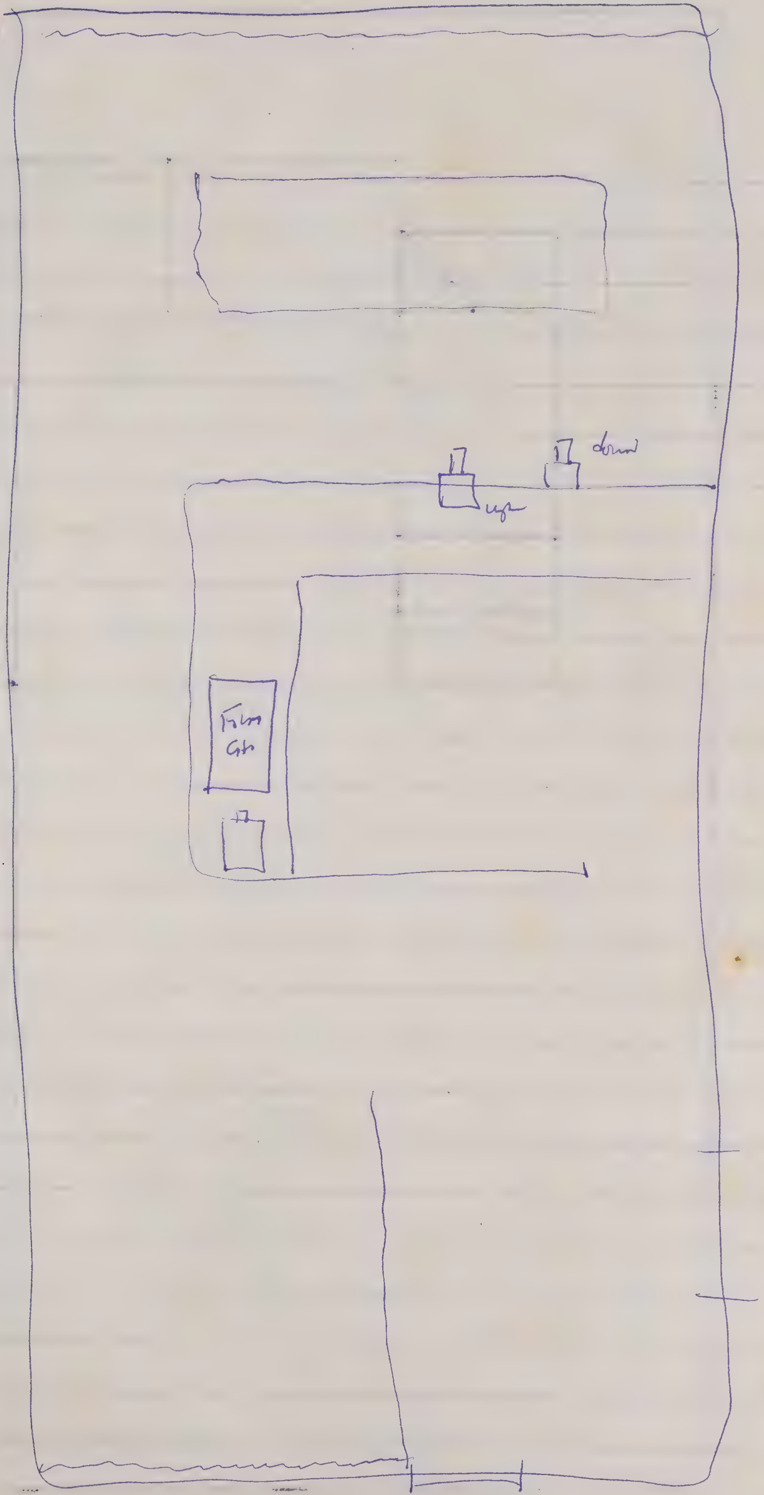
1" = 21'










down
up
Film Cab

CAL Ampx

$15M ↑ Going Public

CAROL HELP

① CALL TUTI / GULF / 1-592-6583
STATUS OF
A) SHipping date – TOWER / ROHN
B) " " – PANASONIC CCTV EQPT
1) ADD 831-P WALL MOUNT
2) " 2ND Camera – JUST LIKE ONE NOW ON ORDER
3 " 2ND WIDE ANGLE LENS – " " " "
C) STATUS OF SWITCH CRAFT AUDIO SWITCHER
4) SHIP ROLL OF 2 CONDUCTOR + SHIELD BELDEN AUDIO CABLE – LAST ROLL WITH BROWN JACKET, FOIL SHIELD OK – 1000'
5) BUD OPEN FRAME EQPT RACKS – 2 – SAME AS LAST TWO ORDERED.

412
5-506
6

② CALL TEL VI – 800-325-9967 ~~Rich Potts~~
Ⓐ ~~TWO MORE MOTOR DRIVES FOR [illegible] – WHEN WILL SHIP?~~ (1 motor drive)
Ⓑ Aluminum Casting – 3 bolts – drive tube to Ant – brace

③ CALL ANCOM – 804-794-2500
Ⓐ ~~2~~ 1 – COM 2-A RCVRS w/ mod

④ CALL DAVE JOHNSON – 916-244-9300
Ⓐ ~~14~~ / 12' AIR FRT TO ISLAND SUPPLIERS IF POSSIBLE – give Is. Suppl. Phone # to verify shipping add – NOT SET TV ANT – WAY BILL & BOXES TO SAY UHF TV ANTENNA –
Ⓑ Call Bub Saturday –

Call Bell Telco 801-561-0931
May Besoencourt Bank 262-88 B
George Mitchell

(5) Call Frampton Miami: Ref Fax to 514
Lunke - give data from Behar,
Adm - get sailing dates for 1 Nov. arrival

(6) Call Is. Suppliers 522-9982-
Ask what rate to bring down
200 plastic bags of fertilizer weighing approx 40
pds each - They can stretch over 2 to 3 weeks -
max of 3 - (bags approx 30" x 15" x 8")

(7) George Jones - ever call ref shipping - call - 319-252-3607
Leave word - order for two carts cancelled.

Fri AM / Radio Shack - PO - off - Calls - Glasses - K&C dining
PM / Pick up
Sat AM / PO / Glasses + haircut / Stationery / ~~Hardware~~ Garden / E-Arnold /

Sun / AM - Pick up
PM - Radio Shk / Cam Video /

Fri / Sat / Sun

(1) Hardware Store
(2) Garden Store
(3) Radio Shack | ATel Answ Machine |
(4) Stationery Store
(5) Genl Elect. Store
(6) Evram Arnold - Saturday AM
(7) Glasses
(8) K&C - dining

918-342-1911

LARRY   CAROL / 305 / 587-6648

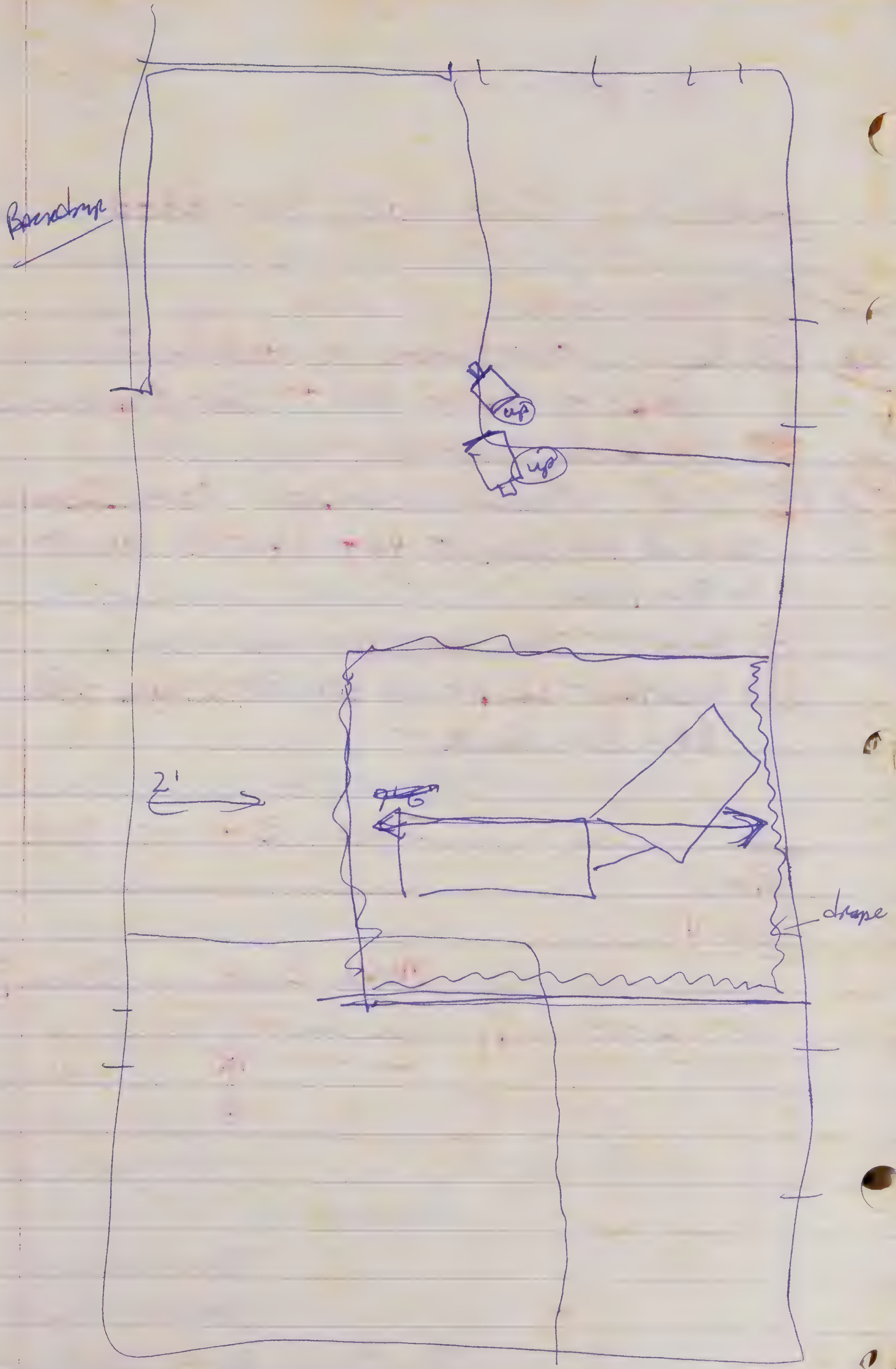
Sept (1) NASDA data
Sept (2) Random dealer survey – 10 dealer calls –
Cable to private list – Sales, Projections, EDITS, Problems
↓ [struck] We will do quarterly –
back 24/25 page For Sept (3) CJR – 2 pd. inserts 1st month – Aztec, Interfaces + Space
Think we are looking at 4K + 4K = 8K adv. per month –
by 3rd issue
(4) ORLANDO – Think about PGM distribution
(5) Nashville? – Call me on 5th for 1 pager – Roll of
B&W Film Fed X –

Jamie - 314-785-5988

Rings.
Joe V.

TOM LITTY || Nova Line Telco 305 523-1440 –
NE 3rd Ave
TALK TO Frank

Dave Johnson / 2 Class 12's
TCCVI – Chain + 2 Drives
Akron – 2 Comm 2R's


Backdrop
up
up
2'
drape

420-450

10 WATT

(457.25)

415.25

(A) 1 WATT OR 10 WATT - 1 TO 10
B (1) 2-6 → 1 NOV.
(2) 7-13
(3) 572-806
(4) 210-406

415
27
39
51

TO 6 MHz INCREMENTS

10 WATTS PK-SYNC TIPS - 50 Ω
A-V - M 10 TO 20
.02 %
Audio - 4.500 +/- 1 KC
A-V TO -60 dB at 15 kc
less 1 dB sync compression -
Mon of [illegible]
42 MHz - DC Restore
White Limiting -

TRCR & AURAL Carrier use same XTAL
Ref /
MIX TO SAW Filter - Mixed Synthesized -
dBm - + BPF (mix spurious)
up TO

TOM LITTY →
NSD, Inc Was Solid State Dev.
10936 Portal DR.
Los Alamitos, Ca 90720

Cams Have 3 monitors
or 4 ext. drive

Pwr Amps —

push/pull 28VDC Xtr — Peak — 100 watt

60% Max Comp. Power

100, 200, 400

50 (turn down)

Xtr + PS Rack ~~Mount~~

Pwr Indicator

A+V over 0-110% —

3 3/4"? — DC Voltage

12" deep — RF Forward & Reflected

~~Video~~ Audio —

Audio Audio-bal — 600 Ω

BNC —

(~~AH~~) 110 VAC

28VDC Primary — 15 ≈ 1.5 Amps to 2 Amps

2000 w

10 1/2" Panel

W/P-S

100 WATT — < $1100

200 " =

400 " — $2800.

MIS MOSFET PROTECTED

CH. 10 + SWITCHER

SW3/ANX

1 – ABC
2 – CBS
3 – NBC
4 – CNN
5 – HBO/H3

6 – VHS PB
7 – Beta PB
8 – 3/4" PB
9 – Goes + C&W
10 – Hero International

OUT #1 – TO CH. 10
#2 – TO VHS DECK #1; Loop TO deck #2
IN STUDIO

SHOW 1
HBO 2
DISNEY 3
CNN 4
COWBOY 5
ABC 6
CBS 7
NBC 8

VHS PB
Beta PB
Goes + C&W
3/4 PB } 5 + CNN (6), ABC, NBC, CBS (9), HBO/H3 (10)
Hero Intern

MONITORS
1 – B&W / VHS PB
2 – B&W / Beta PB
3 – COLOR-TM STANDARD – Hero OUT / LOOP
4 – COLOR W AUDIO – OUT Line #2 TO VHS Record

June / July
[illegible]

(1) $275
(2) $360
(3) $314

---

(1) even
(2) 30% +
(3) +10% [illegible]

---

(1) 10% -(1) (10)
(2) (6) — 5 [illegible]
(3) 50%

Ship [illegible]
(1) -15%
(2) even
(3) N/C [illegible]

[illegible]
(1) 20% 2
(2) 0% 8
(3) ~~3%~~ — [illegible]

Ship [illegible]
(1) ~~-35%~~ -5%
(2) even +50%
(3) ~~-3%~~ +14%

Consumer oriented
MFG, must do more
Consumer directed
advertising -

Downward prices bottomed out /
Slight price increases. About
dist. price going up - not
from old prices too low

ASSUMED 2-3
price increase

ECON. (1) None
(2) None
(3) None - Stable
(4) None

Splash plate
Low Look
Low look single / 1 dish doff
Single / 1 dish doff
TO prevent from

Research /
Noise Reqs. Splash plate feeds - OFF
Off dishes / Replacing W Prime
focus -

9-10-11

Lloyd ~~SW~~ Sat Expo San Jose Oct.
Dropped out Camp Again / Canceled / diff. / Private - Satellite -
Lloyd ~~Collins~~ - Covers - Due to
Previous Denver Sat Expo - projection ...

STTI - added lot addl. booths
at last minute -

TR5 - / NASDA

Canadian
Problem -
Stocking in
depth -

Pres. Cable
NSCA / Denver - 1ST-16-17 /
1.2 GHz amplifiers - legal -
EQPT /

Stable month - Tim's good
Supply fine / Selling everything -

CSD/OCT (9/04)

(1) MILLER TRIP
CVR (2) IQ 160
(3) ANT. TEST RANGE #1
(4)

CJR/SEPT (8/29)

(1) Dealer Survey - LARRY
(2) NASDA - LARRY
(3) FINAL - SVC - TWEEKER STUFF - BOB
(A) LOOKING FOR HOLES
(B)

CSD NOV (10/04)

(1) FINANCING
CVR? (2) ANT. TEST RANGE #2
(3) CAST 83
(4) TEST ADM 13'

CJR OCT (9/29/A)

(1) IN depth DIST. SURVEY
(2) LNA Swapping
(3) INSURANCE FINE PRINT

CSD DEC (11/07)

CVR → (1) SPACE ORLANDO
(2) SYNTRONIX ?

CJR NOV (11/04/A)

(1) IN depth OEM Survey
(2) CONFUSING down/Converter Specs
(3)

CSD JAN (12/07)

(1) SRI LANKA/TRIP
(2) 20' x 20'
CVR → (3) ARTHUR C TERM
(4) MAN OF YEAR

CJR DEC (12/04/A)

(1) 1984 Product FORECASTS
(2) 1984 Pricing Forecasts
(3) 1984 Legal Forecast
(4) Dealer Survey - Plan/ORLANDO

LAX = Like downtown OKC Greyhound - [illegible] windows / [illegible] -
Structured Society Replaces human frailties w/ mechanized
systems remove people efficiently. Nobody understands
- why anyone - on there just where

Ant. P3

(1) Range Test Costs
(2) " " benefits
(A) Move support struts - etc.
(3) Verification Procedure on EQPT. - Why, How often
(4) Range Length versus Accuracy - What are Sidelobe error dB's at Accuracy level
(5) Could Tests be Reduced in Accuracy - Short Cuts Taken to Streamline Tests (vs Planning - Perfecting) To Allow Speeded up / Reduced Cost 3 dB / 20 / gain vs at 4 GHz ?

(6) Based upon —', 10', 12' dishes Run Through Range - What is Your (private) Assessment of Sidelobe performance of Those Home TVRO's being sold - For 2° Spacing -
(7)

Valuing A Business
Sherwin Platt by Don Joyce-Fearn
Homewood, 60430
IL

Amenities - Great Goods - Water Calculating
Customer - Price away as it long enough -
Subtle Salesmanship -
Walk away from job - Cost Commitments
w/ Customer -

1.94 2.7 Day - depends -
we don't know How Tricky it
Honestly of Sometimes -
Anyone - Take apart - doesn't

Cost - makes it's time / in smaller operations
Has no benefit - Position in Main / 1st Standing
Labor exceeds 32 - 25 by Trucks - (put in extra car)
3 several specials) -
Jwarne Howard Hubbard - ABC -
Having - Company concerned -
SA / Anderson - Selling Company from years -
Have Talking - Cheaper to go ahead
Having big boys - Some benefit
Most is Sales, Marketing Better Than
Trade Breakthrough

For India

7% — 22K Ants

APT EFF.

1) feed efficiency — Have to have same spot over — you are illuminating less than full dish

Illum. efficiency

(2) if not around Power all the way around

---

(2) Spill over efficiency if [illegible] 12%, spills over — you have max 88%

---

(2) Polarization efficiency — Substantial one

(3) uniform efficiency — mechanical errors — Tolerance problems —
1) Surface illumination — 1st Drawing reflection — Skin depth — function of wave

Phased ½ 1000 is OK — fine —
Vacuum deposit OF Aluminum — TI Plastic —
— Went back to Ants. Cabinet
Across base — Make surface conductive
go to chrome Plating — Then flash

w/ Cypress – 11 am –

Length of waveguide → Make compliant
" " Channel ↗ is phase

Problem is probably not feed itself
use pin diode to change signal path –
90° shifter –
– .5 dB loss in pin diode is minimum
could be 1.0 dB more likely –
Placement of diodes in feed
could be very freq. sensitive –
Low/Mid/High – should be close
to 1.0 dB –

[illegible] notes

Then dish
3 or 4 diff. feed lengths

Run Patterns by swinging arm –
left to Right – Rotate dish – 90°
Raise feed back to 43 – lay
Patterns over top of each other

42 1/2 A3 is well form
el is way out
Peaking on 43.5 – (Green dish at 45° angle)

44 1/2 el is well for
az out –

Standard Horn

A3 over EL over A3 –
3 dimensional Roll –
Cut out [illegible] –
3 MW at 770V'
10' dish –
Green fork feed
3.7, 3.45, 4.2

Sees big level on Paper
Scale –

18.45 Standard 3.95
40 to 40.5 = good
40.4 = 64%
40.5 = 70%+

1.7 to 1.8
(1.75)

1 pole forward – 1 out –
IF follow instructions –

beamwidth is 10% wide gain should be
10% low in each Plane — OR —
beamwidth may be off in one Plane
only – Therefore affecting

Pulled out and sprayed First – sequence
of bolting together pulls out wrong side
of dish —

5-7% shown – maximum // Perfect TOOL – Can't
pull off w/ 20K Accessory —

Ant. Eff. 119/121% efficiency /

Put dielectric on end of feed — HAVE
feed APPROX 2x, 4x bigger than it Really
95, 97 more than 100% – always worked more after

Convair 1954–1960 Radome – 12 Robinson Ave. # 1145
Ant. – years 65% 15 – 65, 672 –
dual dish – Fire cut, choke,

RAngehouse

Gilbert Cube money - Comp A.D. is not fast enough -

"Test Range / Marketing Tool -
Dwayne VS Engineering Tool

Like a 1/2 dB Max Variation - To Achieve a "Flat field" / In Some Sort of Side lobe out of Source / Got to Point The Source
Wind Shaped Null across The Site - Should be a - waffle iron across /

.3 F/D - Mid Eng Hi - family of Curves
Show Large Choice of F/D & Aperture Size -
< .25 to > .45 w/ No anomaly /
deeper dish - if You need deeper dish For Stronger dish - must under illuminate The Reflector to get Reduced Termination - Amounts of F Design - Can Reduce interference by Strong feed to dish
Smaller F/D means
deeper dish - more You have
More Polarization Twist /
Hit with Vertical - 6 dB to See Twist /

Cosay

Jussi - Gain / F / D -
5 (to 7)

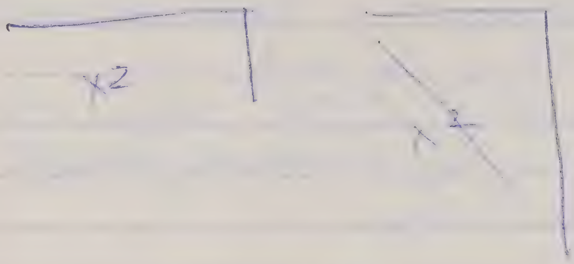
According to masters - work done
with math & empirical -
Amt of blocking caused by Stub R -
is cause of scallop

Air gain related math to Amt done -
if you have

Cosay - 400 to up -
Small Reflector very few waves
Blocking causes scallop -
Scallop causes loss of gain

Gollom - Cod has a side drain single
[illegible] has more [illegible]

Priming focus
1) which is stronger
2) more 3rd dimensional depth
3) Eleganty - going against
Yourself they priming [illegible]



Long F/D to better gain —

Space Assessment – Add Corner [illegible] for feed to properly Illuminate the outer Edge —

---

feed .4 to .3 — Dish may make feed – .4 to .3 / .3 to .4 Take long out

---

May have started with Horizon Hygre –
Compensated with

If it's the Space Race [illegible] whatever you want to turn the dial —
Waveguide your own preference —

5 meter TO 6 meter —
Unknown Aperture

Approach size —
Pick up 50% as much
Pick up more area —
overly

Ant. Efficiency

Check with [illegible]

entire diff is inside ring diameter
even so slightly —

f/D Has To Change

Starts small hole —
some from 5 meter

Changing Aperture Aperture
[illegible] focal length
Smaller diameter focal hole

Dimension from Aperture is inversely Proportional
To Aperture dimension

Professional people show off "I get 75% efficiency"
probably not good idea

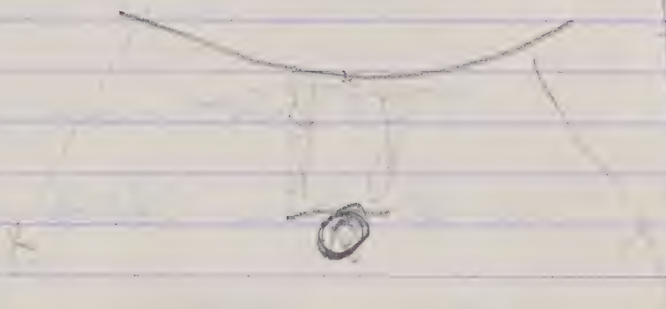
focal has to be moved TO Ant. AS Circle has
TO be

Pointing Pattern
Far field Pattern

1 day TO clean up Range

Last Corner Family of Corner
3/10° Azimuth Change +3, -2

2379053



4π π 100

Ground Reflection Cause problem with elevation Sweeps - Normally do az/el Sweeps

Spec -
dynamic SA
Discrete 1590
Rectangular Board
BW Amp
CRYSTAL Tolerance Amp
Wide Range MW
Rcvr Sens 1710
Log Pen function Amp

4/6/10
Range to Ground
Position -

Area of Reflection
" " Rail Support Sys.
Calculate diff of these 2 figures and
do —

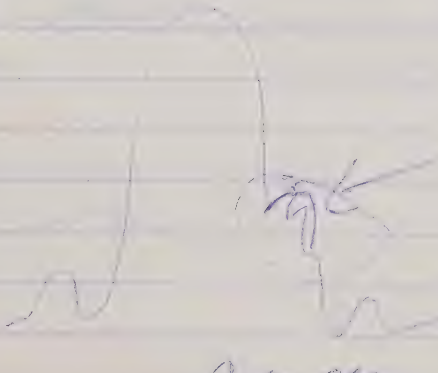
1" Stroke Covers 75% of Radius —

Rotations × 1" × .75 (avg) × 3 =
225 SQ

$\pi \times 5^2 \times 144 = 10800$

45 [illegible] apart from [illegible]

overlying strokes
are longer



Rail off
Sideways —
[illegible] 1 [illegible]
[illegible] before
other [illegible]

Graphic shown

8001 2591257

360° Pattern

Phil Lish — TI move Strut Strut H3 —

Golden Hair bend — 45° — Til deflect energy — Around STRUTS

Duane Tubbs CE

Carl Grindle J.

587-6648 / 7mins / 305-587-6648

#1 Jimmy YATES (one #1)
#2 (Strom)

Maspro 12
Tess of fear

Apprasement / force people / TO make a decision / on what shows

Show biz

Taggart / Dulson / Duckstein / Fleury / Behm / Ross

Have to face issue w/ [illegible] Soman on Carter —

our show is first — Good pgm —

Asst

Ass. General Baxter

Movie CA — Stanton [illegible] merger — no

Movie people / [illegible] would be approval —

[illegible] system in Commission / very little in low —

wants merger blocked / on deal w/ us on [illegible] +

have TV [illegible] issue —

Dept. of Commerce — 2pm — Export —

Ceo — $50K / App. Committee / to figure out what guy does

Qualified down linkers

1. Space dealer member
2. Auto on list
3. Qualified / certified space down linkers —
   (A) will get jobs / opportunities
4. Paid space member — Space rep or seller
5. Pay for course
6. UP for membership license

Cns

1st ever Certification of devices
For downloading

(A) 1st day Certification Course
at Las Vegas

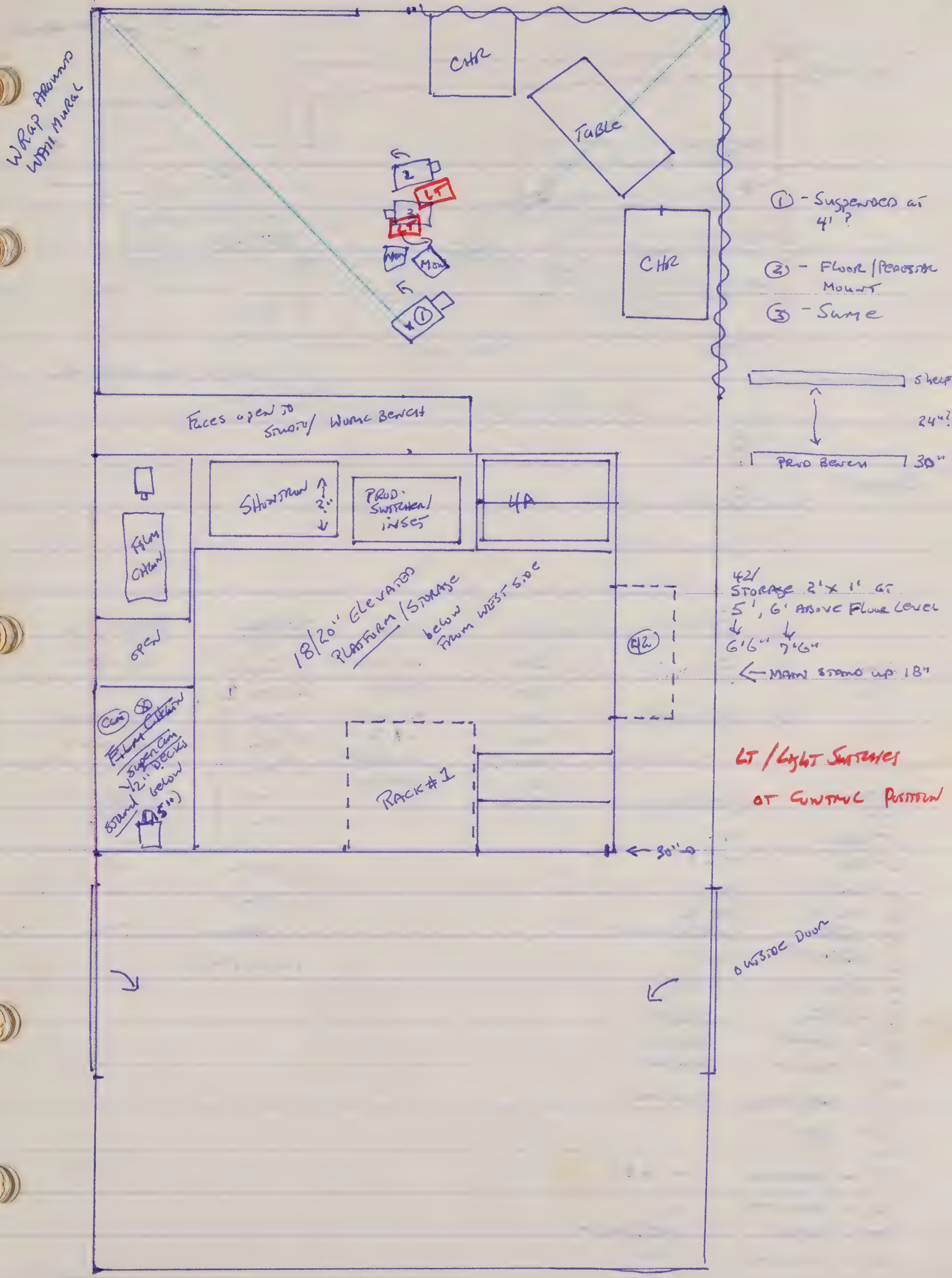
Support of Biz Net

Classroom system — Turn on Sat on
cnt terminal — not our Rohit ears

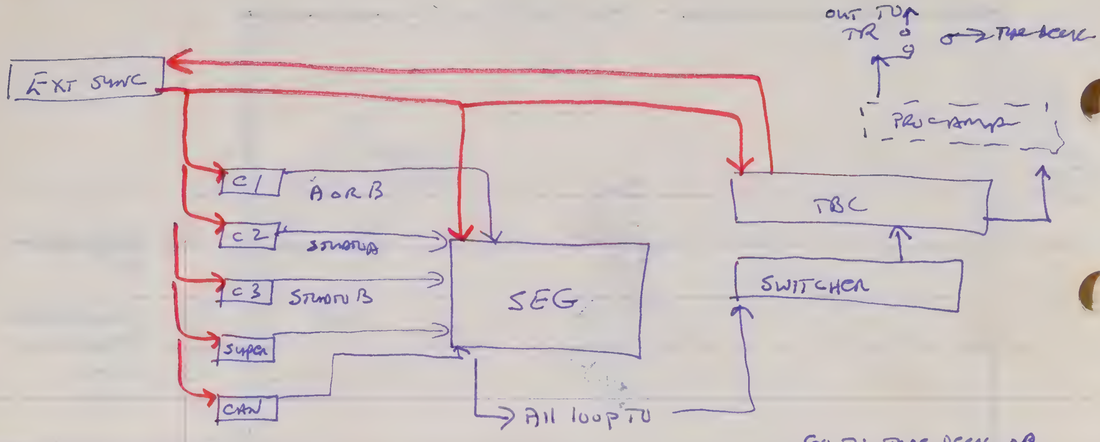
digital displays —
"Verification" —

Culmination of Prior 15 changes —
— Verify that digital Class B
Computing devices —
"Verified" — MFg in computer
Take measurements —
station file — have
Power to Test on
ask for Copy "
power to fine ?
Halts shipments

Tremendous
battle —



WRAP AROUND WALL MURAL
CHR
TABLE
2
LT
3
LT
MON
MON
1
CHR
1 - SUSPENDED AT 4' ?
2 - FLOOR / PEDESTAL MOUNT
3 - SAME
SHELF
24"?
PROD BENCH 30"
FACES OPEN TO STUDIO / WORK BENCH
SHOWTRON 2"
PROD. SWITCHER INSET
4A
FILM CHAIN
OPEN
18/20" ELEVATED PLATFORM / STORAGE BELOW FROM WEST SIDE
4/2
42/ STORAGE 2' x 1' AT 5', 6' ABOVE FLOOR LEVEL
6'6" 7'6"
MAIN STAND UP 18"
RACK #1
SUPER CAM
1/2" DECKS BELOW
STAND (5")
30"
LT / LIGHT SWITCHES AT CONTROL POSITION
OUTSIDE DOOR



GO TO TAPE DECK OR AIR

STUDIO A
- M1
- M2
- M3

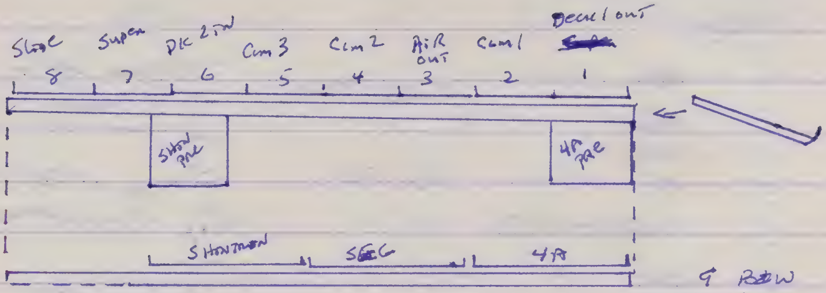
STUDIO B
- M4
- M5
- M6

SWITCHER	AMON
1 Cam 1	M1 only
2 Cam 1	M1,2,3
3 Cam 2	M1 only
4 Cam 2	M1,2
5 Cam 3	M4 only
6 Cam 3	M4,5,6
7 SEG	
8	
9	
10	
11	
12	

(crossed out)

SWITCHER	AMON
1 Cam 1	M1 only
2 Cam 1	M1, M2
3 Cam 1	M1/M2, M3
4 Cam 2	M1 ONLY
5 Cam 2	M1, M2
6 Cam 3	M4 only
7 Cam 3	M4,5,6
8 SEG	M1
9 SEG	M4
10 Slow CH	M1
11 Slo[illegible]	M4
12 Net feed	

SWITCHER	AMON
1 - Cam 1	M1
2 - Cam 1	M1,2,3
3 - Cam 2	M1
4 - Cam 2	M1,2,3
5 - SEG	M1,2,3
6 - Cam 3	M4
7 - Cam 3	M4,5,6
8 - SEG	M4,5,6
9 - Slow CH	M1,2,3
10 - Slow CH	M4,5,6
11 - Tape Deck	Tape Amon
12 - Net	
13 - Tape Deck	M1,2,3
14 - Show [illegible]	M1
15 - [illegible]	Net/Wavfm
16 - Show [illegible]	M4



9 B&W
1 COLOR

SHOWTRON PREVIEW - LOW

4A pre - Low

Cam 1 -

Cam 2 -

Cam 3 -

SlideCH -

SuperCam -

~~NTSC bars~~

AIR out (color)

Deck 1 out

Deck 2 IN

House

Need

2 - ABC
3 - CBS
4 - NBC
Coming 5 - HBO / 24
Coming 6 - Showtime / 12
7 - WTBS
Coming 8 - WGN
Coming 9 - WOR
10 - CNN 2
11 - Goes (Russia)
12 - (~~Russia~~) Disney
13 - Cinemax

> D3 / TS 1 (2, 3, 4)

(H3 F3R) (5, 6, 7)

(VT F3R) (8, 10, 13)

] Avcom BDC + 3 Demods

5, 6, 7 > H3 of F3R - DX + 3 Demods

8, 10, 13 > VT of F3R DX + 3 Demods

9 - H3, 12 - VT > W5 Stand alone

One Switcher
Audio

1 - SEG	M 1
2 - SEG	M 1,2,3
3 - SEG	M 4
4 - SEG	M 4,5,6
5 - Cam 1	M 1
6 - Cam 2	M 1
7 - Cam 3	M 4
8 - Slide Ch	M 1
9 - Slide Ch	M 4
10 - Tape Dk	Dk Audio
11 - Showtime	
12 - Switcher 2	

SEG - Has 8 inputs inc. 1 Ext. Sync Lock

1 - Cam 1
2 - Cam 2
3 - Cam 3
4 - Slide Ch
5 - Super
6 - 4 A
7 - WXC
8 Ext - Tape Deck

> Take All to 1 input

(8) TBS (7) WXC

(1)	(2)	(3)	(4)	(5)	(6)
Mike 1	2	3	Cassette	1/2"	Tone

output #1 TO CH 7 TR

output # 2 - TO VCR

All 8 Audio Sources TO TOA Mixing Console -
- 1 output Line TO V/A Switcher - Bridge
Audio From output A TO Inputs For
1st 8 Switcher Positions -
(1) Change any Video TO

9x9x14d 9x12x14d 9x4 = 36 = ...

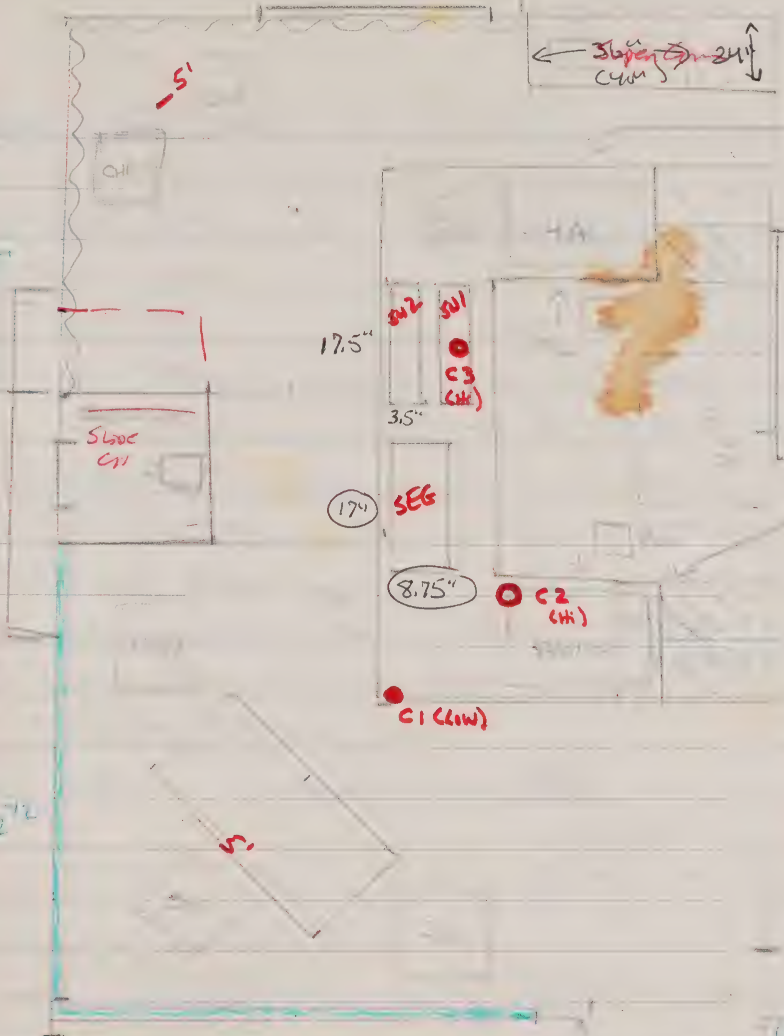
66
2
41

9'8"
3'6
13'2
6
13'8"

Cam 1
2
3
Super
SLCHN

SHTN
4A
NET
AIR OUT
DECK 1 OUT

DCK WIND... OF SHOE...



42
3
7 = 3' 2½

48"
12

764
8333

4311

8' High - X
8' Wide -
dark Blue -

NOT Rm

Hero 1
WGN, CNN, WOR, Disney,
WX,

House MATV

D3 VT	2 - ABC	BT
D3 VT	3 - CBS	Trans
D3 VT	4 - NBC	BT
F3 VT	5 - WGN	Trans
W5 H3	6 - WOR	Trans
F3 H3	7 - WTBS	BT
F3 VT	8 - CNN-2	Trans
W5 VT	9 - DISNEY	Trans
	10 - WX, Europe, Misc.	Trans
F3 VT	11 - Cinemax/Music CH / WX CH	Trans
F3 H3	12 - Showtime / Spotlight	Trans
F3 H3	13 - HBO	Trans

Receivers

D3 - Avcom BDC + 3 Demods
F3 VT - DX BDC + Amps (2) + 3 Demods Need 2
F3 H3 - DX BDC + Amps (2) + 3 Demods 2 - Way way
W5 VT - Washburn
W5 H3 - Washburn
Hero - Avcom full / Half switchable

Need
2 - DX Demods
2 - Avcom Demods

LNA P/S

2 ~~Demods~~
2 Avcom
3 Mods
3 Avcom

↓

PRS = 2, 3, 4, 7, 11, 12, 13
Mods = 5, 6, 8, 9, 10

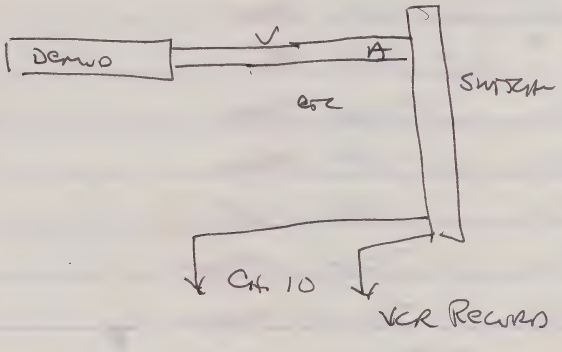
3½" Mod
3½" Demod > 7" per CH.

Rack mount 10" per = 10 CHs RM —
2, 3, 4, 7,
11, 12, 13 = 7 or 49" + Mod locations for
5, 6, 8, 9, 10 = 25"
24"

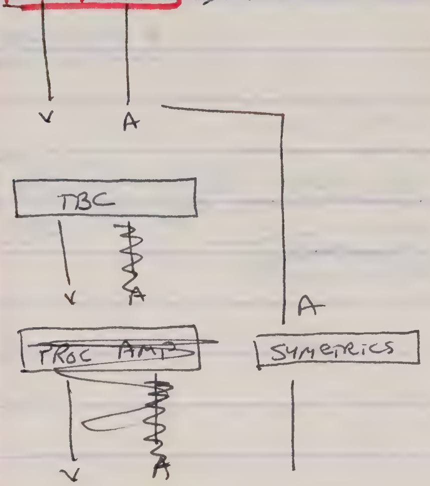
Place Demods for WGN, CNN (DX), WOR, Disney (W3)
And Europe (Avcom) on shelf

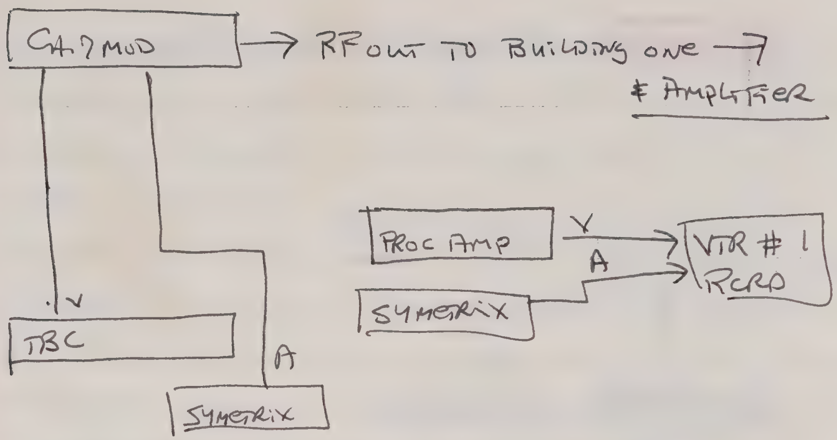
Loop V + A For 1/2" VHS or 1/2" pro
Taping to stand VCR thru switcher – to Ch 10 PB

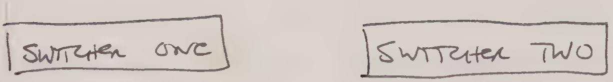
1 – ABC
2 – CBS
3 – NBC
4 – WX
5 – WTBS
6 – Europe
7 – WX Gues
8 – Tape deck PB
9 – 3/4" PB
10 – VHS pro PB



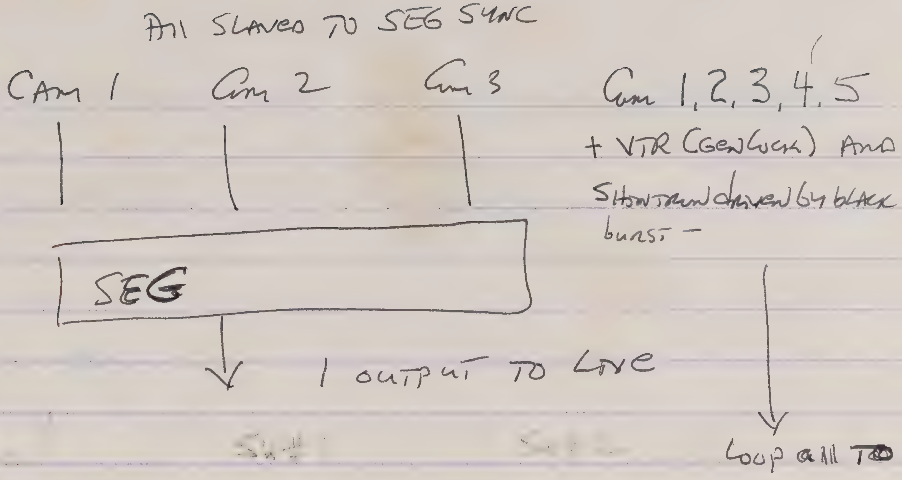
CH. 7 MOD → RF OUT TO TR IN BLDG ONE







1) Cam 1 - STUDIO A
2) Cam 2 - STUDIO A
3) Cam 3 - STUDIO B
4) Cam 4 - SLIDE CH.
5) Cam 5 - V/H DRIVE SUPER
6) VCR PB -
7) WX CH.
8) NTSC DRIVE /Blue/Red/Green
9) VTR PB # 2

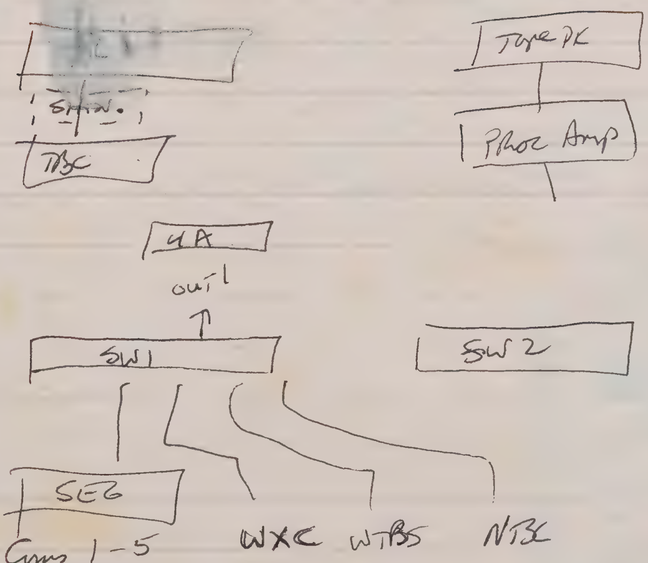

All SLAVED TO SEG SYNC
CAM 1
CAM 2
CAM 3
SEG
1 OUTPUT TO LIVE
CAM 1, 2, 3, 4, 5
+ VTR (GENLOCK) AND
SHOWTRAN driven by black
burst -
Loop all TO

SW 2 TO AIR ONLY

1) SEG OUTPUT
2) NTSC
3) WXC
4) WTBS
5)

SW1 / TO Tapedeck only

1) SEG OUTPUT
2)



50

Thurs

1. [illegible]
2. 3 [illegible]
3. WIRE [illegible]
4. [illegible] / SEE [illegible]
5. MIKE [illegible]
6. KenCar [illegible]
7.

TARS

1. [illegible] 3
2. 3 [illegible]
3. SEE [illegible]

Fri

Loca[illegible]

Outputs 1, 2
Look Thru W[illegible]
Monitor

Wire up Ave Mixer

Wire up [illegible] 2, ?

[illegible]
CH 8 [illegible]
[illegible]

Loop [illegible]

Send Tape G

Move NTSC in [illegible]

✓ [illegible]

Shelf

Look For Light - old [illegible]

Power Supply [illegible]

Tape [illegible]
[illegible]

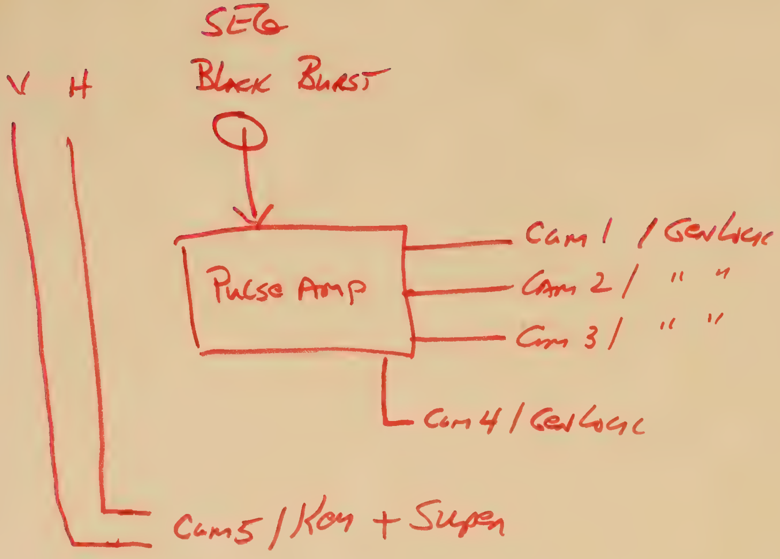
M[illegible]

[illegible]

[illegible] VTR - [illegible]

FRIDAY

1. Bank - T. CKS
2. Customs / GTR + PICKUP
3. CARL SEA - CK
4. WANDS - CK
5. DAVID - STAIN, TOM H.
6. MOVE - CK + VAL & PETER
7. Wendall + Jim H


SEG
Black Burst
V
H
Pulse Amp
Cam 1 / GenLock
Cam 2 / " "
Cam 3 / " "
Cam 4 / GenLock
Cam 5 / Key + Super

BRACKET FOR WAI board

TAP A Lines

AUDIO Plugs For INPUT AUDIO SOURCES —

- mike 1
- mike 2
- mike 3
- Cassette out
- 1/2" PB

(6) — WX CH.

Hang up Hooks — 3 mikes

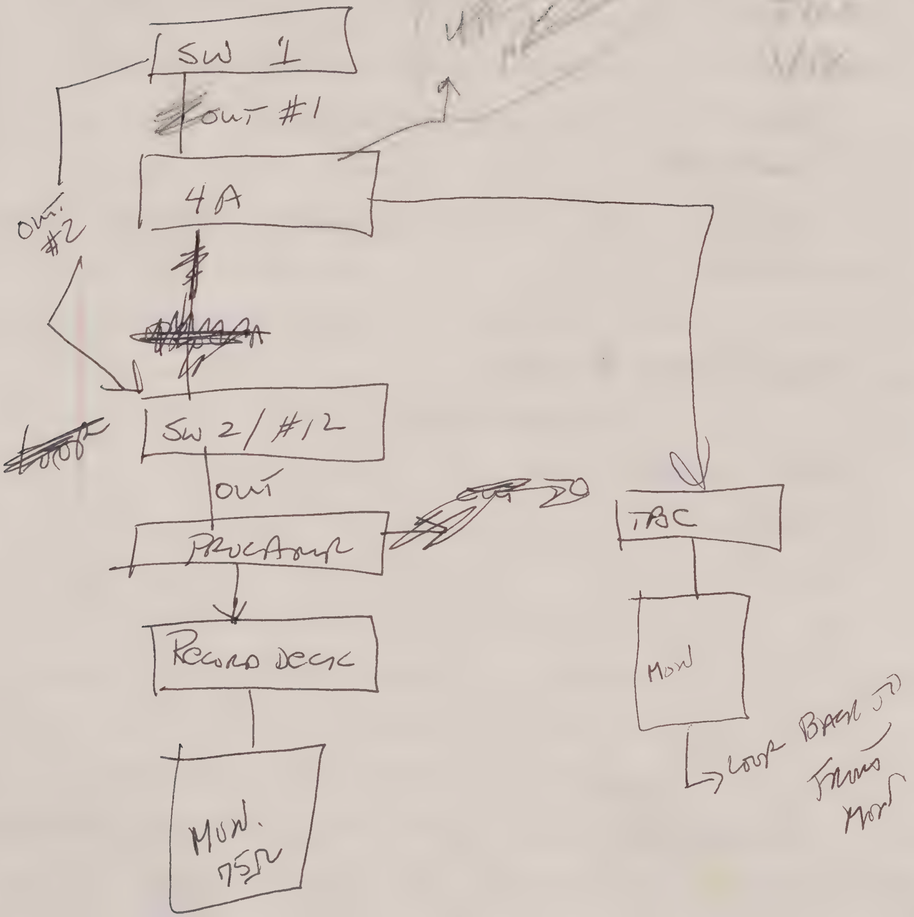
2 Hurricane map

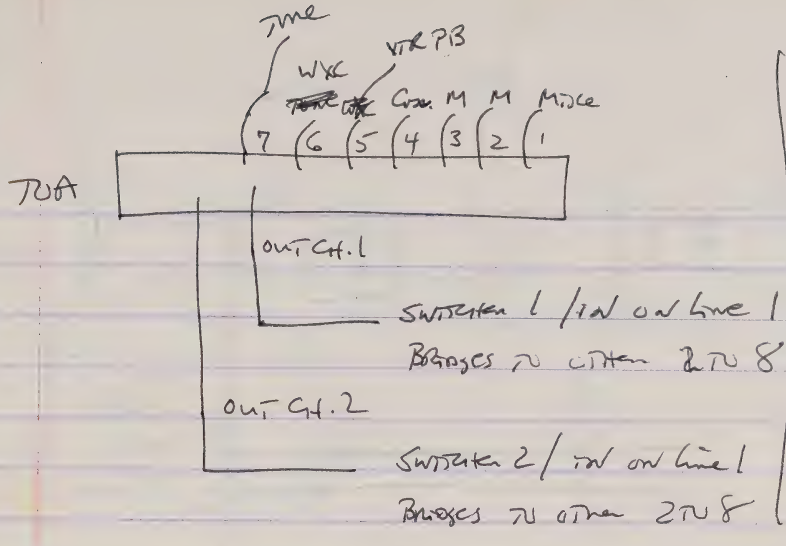
CHALK / ERASER

4 Split

Dope Sheets For Announcers

SEG

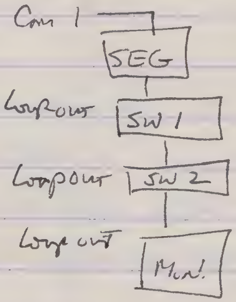

SW 1
OUT #1
4A
OUT #2
SW 2/#12
OUT
PROCAMP
RECORD DECK
MON. 75Ω
TBC
MON
LOOP BACK TO FROM MON



VIDEO

1 Cam 1
2 Cam 2
3 Cam 3
4 Cam 4 - Slide Ch.
5 ~~Cam~~ 5 - Super
6 VTR - GL
7 CB // 4A ?
8 BLACK
9 - WXC
10 - ~~WTBS~~
11 - ~~WTS~~
12 - (#2 - Out #2 of SW #1)

TYPICAL

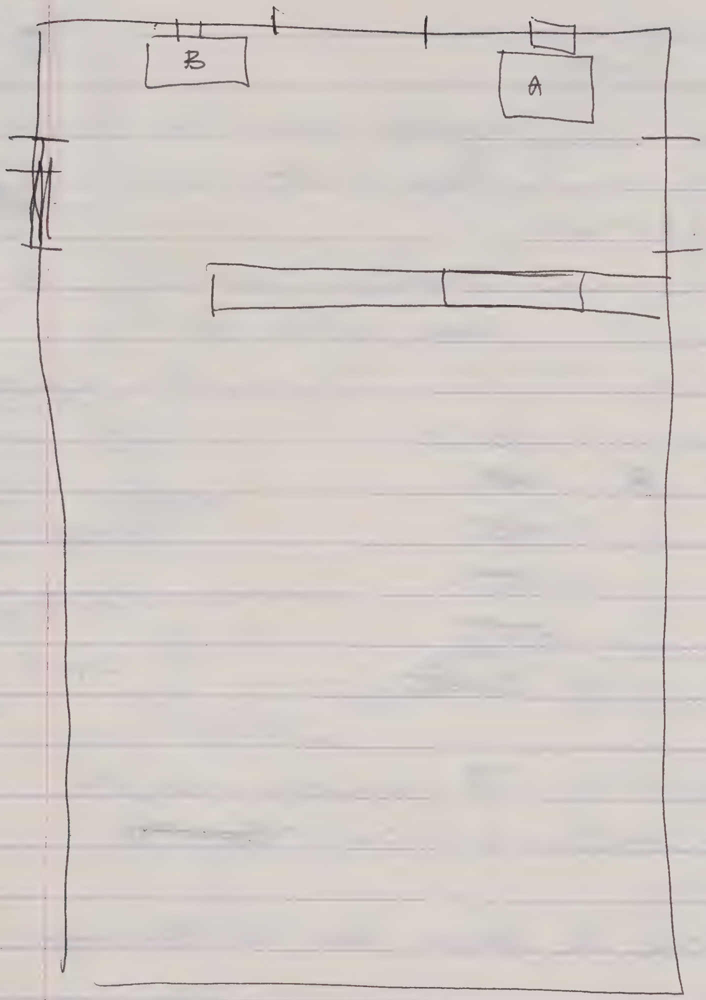


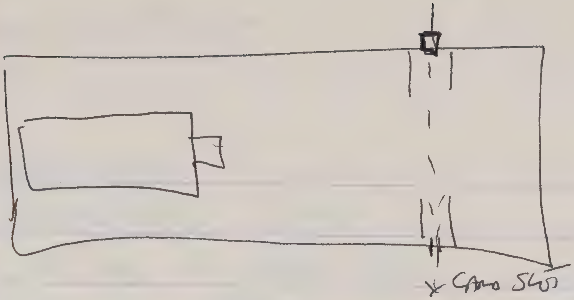
SW 1		SW 2	
8) ~~7~~	~~WTBS~~	8)	~~WTBS~~
9	~~Cam 1~~	9	~~Cam 1~~
10	~~Cam 2~~	10	~~Cam 2~~
11	~~Cam 3~~	11	~~Cam 3~~
12	W~~XC~~	12	~~Switcher~~ 1

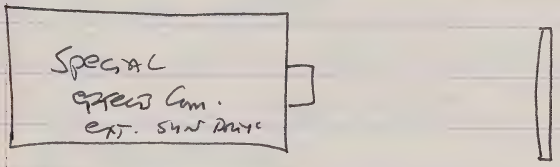
SW1 / Out 1 to TR / MODULATOR VIA TBC
out 2 to #12 SW 1 - ~~Loop to~~

SW2 / Out 1 to Record Deck VIA Proc Amp

SEG 1 Cam 1 — Loop to
2 " 2
3 " 3
4 Slide Ch.
5 Super — Loop out to Key In
6 GL - VTR
7 CB // 4A preview loop
8 - Black


B
A





STATES

Slide Film —

CADCO — GTAW — Logo

Camera Copy Stand

B&W Camera — ext. sync drive

Tests

Full Panasonic Goodies —

(A) Copy Stand

(B) B&W W/ext. Drive

(C) 8318 Universal Mount

(D)

Live CSD News

BEFORE STATES

1. Complete P12 - 7 STUDIO
2. SET FREQ OF RPTR RCVR
3. CK FREQ all TRS
4. Clean up old CR + STUDIO
5. VAL - PEZN - MARSHALL LIST
   - (A) Assemble GA.3
   - (B) Run 3 lines up TOWER - 412 TO GA.3 at 100'
   - (C) Finish Screen House 412 TO 75'
6. Cge out Bill 4 / Cge out Cal 412 TO 120'

~~(7) Run~~

6. ~~Set~~ Mount GA 3 TR
7. Hook up STANDBY Power TO RPTR
8. LIST - V + P
   1. WALL TO Bldg 1
   2. ANDREWS Terminal
   3. 20' HIGH TERM
   4. Viz's Terminal
   5. Well
   6. Footing - Front WALL
   7. HATTON - DIG IN 3/4" line
   8.

9. 2nd Plant outs
10. TWEEKER -
11. Loading INSTRUCTIONS

TODO Admin

- Clean up Rear Area
- Clean up Side area
- Clean up Parking lot

CJR / OCT

(A) DBST Query – Conny
(B) Financing Interview – Conny
(C) SMGTV # 1 – B

CSD NOV

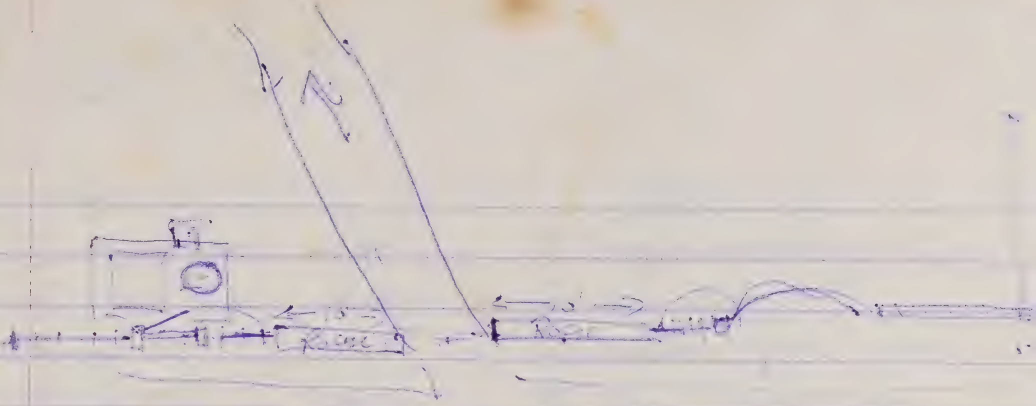
(1) Ant Range # 2
(2) BDC Tests # 1
(3) Insurance / Financing
(4) CASS '83

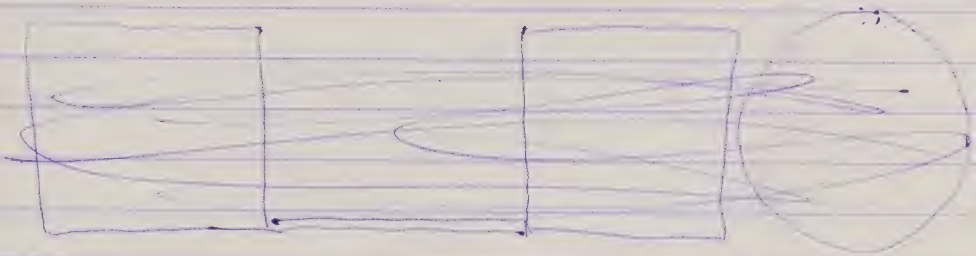
CJR DEC

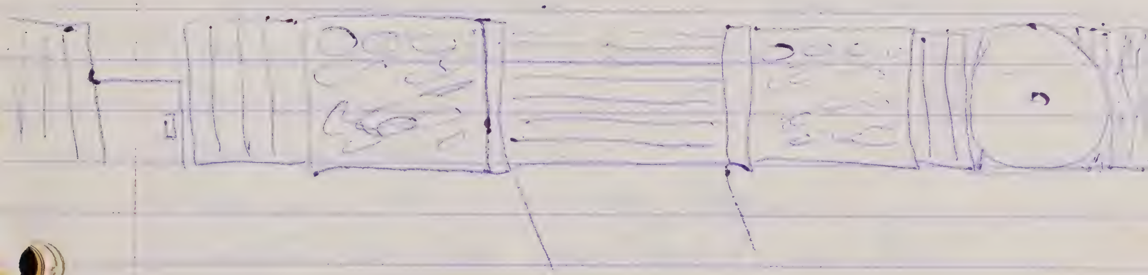
(A) Dem Query – Conny
(B) SMGTV #2 – B
(C)

CSD DEC

(1) Space Show
(2) BDC Tests # 2
(3) Over Air Tests BDC
(4) Over Air Tests – NSSC unit







Week to go 4/6

CSD

1. Molniya Story – Edit
2. Solar Panel – Rewrite
3. Ant Test – Write
4. Cast '83 – Write
5. Dollars For Sale – Write

A. Page 1
B. Letters
C. TR Watch

CJR

1. Distributor Survey – Larry
2. Svc – done
3. Marketing – CTN – Write
4. Orlando Preview – Write
5. New Products

Plaza

1. CH. 3 on Air
   - A. Start with TP – no BPF – ; Add BPF on 7 at output of scrambler – then try Ch 3 VTR modulator with BPF at output & Ch 3 power Amp
2. Remount SDS Ant – & install test Rcvr –
   - A. Doc?
3. Hook up CH'S 10, 12 –
4. Hook up Ch 10 switcher system
5. Complete Atom A-2 – dual feed & dual BDC'S
6. Move 3R to Hem for Europe – Molniya

OCT. OPTIONS

(1) SAN DIEGO / GO —
A) TO FTL ON 5TH
TO SD ON 5TH
B) TO BALTIMORE ON PM 7TH
C) TO FTL ON PM 8TH
D) WORK CJR 9TH
" CSD 10/11/12
MIAMI 13TH & WORK ON ORLANDO DETAILS
PROVO ON 14TH

NO SAN DIEGO
A) TO FTL 7TH —
BACK TO PROVO 14TH

+23_4/OR

Gas - Brown/gray

VCU - Brown/Blue

Very expensive Test Efforts Taken upon Production - Time out 2pm to Wait to 9pm - TO

Cust Svc - you should have a buffer between your Customer -

But you know how this business is - my friend this - my friend that - everyone wants to talk to me personally -

I'm really bad about names - Hi How are you

If you have 60 dealers - 3 guys working for each - 180 personal Calls x 5 minutes each - a very significant consumption of time -

R&D should keep R&D time card - 50% Tax credit - Prove how many hrs a year it would save you if you had it - time & dollars saved - made by time the gun hits the door -

One Thing This yr has been to me — It ought to be worth 30 semester hrs in economics — The govt. won't provide —

1) DeLiv

Hem — 8 / ABC on ~~H3~~ Com 3 — 2
Adm — 10 / CBS on 6GT – H3 — 4
1 / ABC on Com 2 – VT — 3

4 / CBS – Hem 2 – Com 3
3 / NBC – BDC – Adm ~~H3~~ VT
2 / ABC – 2B – Adm H3

4 / CBS – Hem 2 on Com 3
3 / NBC – Adm H3 on Com 2B
2 / ABC – Adm H3 on BDC / 6GT

4 CH'S // ESPN dish //

= Conv ESPN ~~H3~~ Conversion WESN –

1) Pay Bills / IRS Ltr

2) Answer Mail

(3) Clean up Rooms

(4) VAL+P instructions

(5) List of gear to take

(A) Pitters feed

ADL feed

OMNI

PICK

(B) 4A + Papers > Cont

(C) Shantown

(D)

(6) Order/buy list

(7) MAG Stuff

(A) 1/2 Timer

(B) Heads

Cm TV Friend - Heads For 84

(8) Camera bag

(9) 220 Radio

(10) ~~Shown List~~

OUTSIDE

(1) Move Love

(2) Collect - (Round) Dana Huston

(3) Pick up 4A memory, Cable

(4) Straighten up TR Room

(5) ✓ TV TH — TH Call Viz for Plane

Mail Bag TV Player

(6) Customer papers

(7) David Ship 13' cont.

~~Feb~~ TO TEST

(1) Chop new

" old

" .3

Buman

ADL

Polartown

Omni

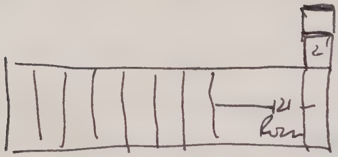
Val + Person —

(1) 50' Walls — Build 8' Tall — Will use 8' Cedar —

(2)

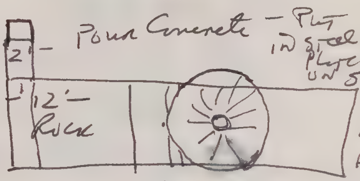
Mount Solar Panel on 22° Slope Northend of Pwr Shed

← 47 to edge well Pwr   ←——→ 60?



Cedar - 40' - Width

?" ?



Pour Concrete — Put in steel plates on surface to attach Hors Hanger-

145'

12   15'9"   26'9"   50'

$$\begin{array}{r} 40 \\ \times 12 \\ \hline 80 \\ 40 \\ \hline 480 \end{array}$$

$$\begin{array}{r} 53 \\ 9\overline{)480} \\ 45 \\ \hline 30 \end{array}$$

— 54 × 2 = 108 longths — 8' long

N5 AVC Renewal

Add 20 GT

Pad Size Loss 25

States / 10/05

~~Dragon~~

~~Milwaukee~~

2 ~~Compressor~~

~~7 Dust~~

~~7"4" Sandblaster~~

~~Power Strips~~

~~F fittings - Gilbert~~ GF-59-AH

5 ~~Gas Cylinders~~

~~110 Time Clock~~

~~Kind 110 720~~ in line Valve

~~Black Tape~~

~~Sealer~~

~~Alliance Rotor~~ ?

✓ ~~Tuti Panasonic Questions~~

~~2 fringe VHF ants~~

~~412 Line~~

~~Entry fittings - Standard 3/8 24~~ —

~~2 - 2 way outdoor splitters~~

10 F 2 way Switches A/B

Drake 850 LNAs

~~RS night lights~~

~~Yard Guard~~

Receivers, LNAs for Sat Links

Call Jimmie Re 11', HTOH, Shipment of Sat Links

Calls

McCloskey & Jim Holley

Re Smart & Omni Shot UFC

Voltage

Davis Johnson — Ant for Sat Links

Pesen Show Re George Gilbert

TX Dave Lowe 206 228 5216

Room / Space

930/1130 — Antennas

130/230 — SFPC

2:30 - 430 — TX

430 - 5pm — Dog's forums

✓ on DX Rcvrs & Ants

✓ on Arrow Rcvrs & BDC

Letter to Antenna C

Letter to Tray people

Calls

(1) Tues / Wed

(A) Tom H.

(B) Andy H. Rams Artificial

(C) David J. SMCTV PGM, Sri Lanka Art.

(D) Peter S. Re George Gilbert

(E) McClaskey – Hailey – SMCTV & Omni Turn On / Shut Off
& Hailey to Sri Lanka

(F) Jamie G. – 11', Hawaii, Sri Lanka

(G) Mike B. – 3/85°; Sri Lanka 3/85°; Cal status,
Visit to plant Jan.

(H) Bob B. – Show,

(I) Rick B. & Robyn Re/ Show

(J)

SIDESIDE 10/05

Hardware

A) Garden

Diazonon

Milorganite

7 Dust

YardGuard

B) Tools

7"4" Blades

~~Power Strips~~

5 Gas cylinders

~~Sealer~~

Tape

~~Piping Supplies~~

Cliff Cuthrun

1-513

110 Time Clock

1/2" Valve / electric

Radio Shack

~~Black Tape~~

~~Night Lights~~

Sporting Goods

2 - Compasses

N&G

Alliance Rotor

Fox Tempo Hand Held

~~Power Strips~~

Gulf

~~4/ Gilbert GF 59 AH~~

~~2/ Flange VHF~~

~~1000' 412 (Non integrated)~~

~~Tap entry fittings (24)~~

~~412/ 2 way Split (3)~~

~~10/ A/B Switches~~

Panasonic Questions ?

Video

6/ T7GU

Hotel Reservations | Schroeder | Carol

Tonight Tues/ Fri nights

1) Space Mailing List

2)

1) Call Philco Ford guy
2) do PGM outline for ROBYN
3)

Dielectric Block Parallel to Plane axes

Gain / BW / Aperture efficiency are all Related —

OMNI — .4 flat best case // omni claim
Theirs is better // System 2 Tilted 22 1/2° Ref
Galaxy 4 & WS // TTP spacecraft to Sources as electric insulations

Cons Specs

Promise from Ford
.3 / almost like that of Comsat out of 20 YRS ago —
80% efficiency — Germanson suggests a Cassegrain gain — Sidelobes are far enough down that they don't affect gain —
If there is not a good null Brown Main beam & Sidelobes —
Germanson —
If you look at Harris Germanson is implies 78% efficiency — I am bothered when sidelobes are not down 15 db

SPACE PGM

9:30 TO 10:30 // ANT MEASURING TECHNIQUES // DUANE TUBBS OR GUERCIA FROM TRANSIFER —

10:30 – 11:00 // 10:30 – 11:30 / 12 NN

10:30 TO 11:30 // George Gilbert on back up Eng. Forum — down Gons & Gvats

(A) Jim Hulley, Ce Drake, Judy Rumsey, Andy Hatfield

1:30 TO 3pm // Dave Lunde — TX — Small Terminal —

3:15 TO 4:15 // SFPC — Bill Young, Larry James

4:30 TO 5PM // OPEN

Schedule

TUES: Haircut

CJR + CSD Shuffle

WED: Calls – Flowdown // Bills & Bkings

S.D. —

Thurs / Fri

→ LA Burbank overnight

Sat. TO Baltimore

Sun TO FSL

MONDAY:

CJR – Late Plus Pick up

Tuesday – Turn on CJR – CSD

Wed – CSD

Thurs – CSD + turn on Mission

Fri – Return 2pm —

~~10 – 11~~ — D.C.

10 – 11:30 Arrod Dunne Tubbs

1pm – M/A-com Demo

1:30 = SFPC

2:30 — CTN

4pm – Eng Round table

[illegible]

[illegible]

Junior — R: [illegible]

~~[illegible]~~ — [illegible]

[illegible] Th[illegible] A[illegible]

Pit 1 — WGN — [illegible]

[illegible] 4 [illegible]

A[illegible] 3 [illegible]

[illegible] Pit — [illegible]

S[illegible]

[illegible] — [illegible]

[illegible] NO [illegible]

[illegible]

[illegible] 405

---

(1) [illegible]

(2) [illegible]

[illegible]

[illegible]

[illegible]

— AC [illegible]

[illegible]

[illegible]

LARRY – PERC IN SAT V

SAT V – YR 1 – $1000 GUARANTEE AGAINST 10% GROSS
(A) PROBLEM 1 – NO SUBSCRIPTIONS

CJR + CJI + CJM =

direct - $5730

LARRY — direct - $3000

10 days at $3.00 + 1000 Ads + 5000.

in " - 2000

INC EXP, TRAVEL

EXP / OFFICE / PM RATE

(A) Telephone base - $200

(B) OFFICE EQPT " - $200

(C) " Rent " - $200

(D) 2nd Girl - 800

(E) INS / MISC - 400

(F) CAROL - 600

2000 + 2000

$12,730.00

TOTAL O/H - ALL 3 (+5%) = $12,730 p/m

Income Sources

			+ TALENT		PSS
ADV —	CJR	— 4000	1600	= 5600	7
	CJI	— 2400	1600	= 4000	5
	CJM	— 2400	1600	= 4000	5
					17 TOTAL

SUBS — CJR — Alone 500 $900 p/m; Combo CSD 500 1200; Combo CJI/CJM/CJR 500 2700 = $4800.00

TOTAL INCOME = 13,600 ADS

18,400

Less EXP = 12,730

5670

$5670 NET on 18.416 Gross

30
5
1730
300
10
200
10500

5000
65
2100
000
7200

21
34,500
24
81

SWB

CSD Alone .... $50.00 US
CJR Alone .... $35.00 US
CJI Alone INSTALLATIONS .... $20.00 US
CJM Alone — MARKETING .... $20.00 US

All 4 Combo — $100 p/Y .... $125.00 p/Y —
CSD/CJR — $80 p/Y
CJR/CJI/CJM — $65 p/Y

CJI/CJM — 8 pgs / Page 1 wk's news — 2-3 features
4-5 AD 6-7 feature 8 AD

CJR+CJI+CJM — 5+3+3 = 11 AD pages x $800 = 8800 p/m
inserts — 1st yr Avg 2 per issue = 6 per month x $800 = 4800
$13,600

O/H

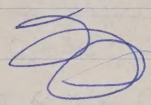
Printing inc. paper — CJR — $1200
CJI — 700
CJM — 700
> $2600.00

Postage — CJR — 1500 x .70 — 1150.00
CJI + CJM — 2000 x 38 — 800.00
> $1950

Envelopes — 150 + 160 .... $310.
Mailing Svc — 150 + 200 + 60 + 60 .... 470.
Telephone — 200 + 200 .... 400.

direct costs → $5730.

1500
.74
6000
10500
38
52
74
30
20



SciVision

1. Seldom on time (erratic)
2. Not attractive
3. Not planned
4. Little continuity
5. ineffective advertising medium

#1 - must show actual costs last 6 issues - each & avg

#2 - must show actual income last 6 issues - each & avg - plus

#3) must show outstanding monies owed to Space by advertisers - as of survey date

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(A) What are present
 (1) Printer charges inc.
  (A) Seps
  (B) Two color
  (C) Total delivered to mail svc
 (B) Mail svc -
  (A) Postage fees
  (B) Mailing charges -
  (C) Are any/all mailed in envelopes
 (C) How is time for editorial charges?
  (A) Brown, etc.
  (B) See/staff
 (D) Type set / art charges
 (E) Paste up, to camera ready charges

Plan to do whole job, less only contributed material from DC - with guaranteed minimum net to Space, or [illegible] of gross for advertising - whichever is greatest -

5W 5 74
5R 87 1.
155
le55
3ma –